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Environment Canada / Environnement Canada

Surface Water Data

Saskatchewan

Données sur les eaux de surface

1988

INLAND WATERS DIRECTORATE
WATER RESOURCES BRANCH
WATER SURVEY OF CANADA
OTTAWA, CANADA, 1989

DIRECTION GÉNÉRALE DES EAUX INTÉRIEURES
DIRECTION DES RESSOURCES EN EAU
DIVISION DES RELEVÉS HYDROLOGIQUES DU CANADA
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PREFACE

This publication was prepared by personnel of the Water Survey of Canada Division under the direction of the Director, Water Resources Branch, Department of the Environment, Ottawa.

The basic data were collected and compiled under the supervision of the Regional Chief of the Water Resources Branch at Regina, Saskatchewan.

The co-operation received from provincial agencies and from other organizations is gratefully acknowledged.

PRÉFACE

La Division des relevés hydrologiques du Canada, sous l'autorité du Directeur des ressources en eau du ministère de l'Environnement (Ottawa), a préparé la présente publication.

On a recueilli et compilé les données de base sous la supervision du Chef régional de la Direction des ressources en eau, à Regina (Saskatchewan).

On remercie vivement les organismes provinciaux, ou autres, pour la coopération qu'ils ont apportée.

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INTRODUCTION

The Water Resources Branch of the Department of the Environment herein presents for the 1988 calendar year, the results of the hydrometric survey investigations which were made in Saskatchewan by the Water Survey of Canada.

Details on individual stations and related records, as well as recent data which have not yet been published, may be obtained upon application to:

Regional Chief,
Water Resources Branch,
Department of the Environment,
G.M.C. Building,
1102-8th Avenue,
Regina, Saskatchewan.
S4R 1C9
(306 780-5338)

or to the Water Resources Branch, Department of the Environment, Ottawa, Ontario, K1A 0H3 (819 997-2098).

INTRODUCTION

La Direction des ressources en eau du ministère de l'Environnement présente, pour l'année civile 1988, les résultats des relevés hydrométriques que la Division des relevés hydrologiques du Canada a effectués en Saskatchewan.

En s'adressant aux endroits ci-après, on peut obtenir des renseignements supplémentaires sur certaines stations particulières et divers relevés, ainsi que des données récentes non encore publiées:

Chef régional
Direction des ressources en eau
Ministère de l'Environnement
Édifice G.M.C.
1102, Huitième avenue
Regina (Saskatchewan)
S4R 1C9
(306 780-5338)

ou au Direction des ressources en eau, ministère de l'Environnement, Ottawa (Ontario), K1A 0H3 (819 997-2098).

ORGANIZATION AND HISTORY OF HYDROMETRIC SURVEY OPERATIONS

During 1988, the hydrometric surveys in Saskatchewan were conducted by the Water Survey of Canada under agreement with the Province of Saskatchewan. The provincial authorities contributed to the cost of the basic field investigations which were carried out in accordance with mutually agreed-upon plans.

ORGANISATION ET HISTORIQUE DES RELEVÉS HYDROMÉTRIQUES

En 1988, la Division des relevés hydrologiques du Canada a effectué des relevés hydrométriques en Saskatchewan en vertu de l'accord conclu avec les autorités provinciales, qui ont contribué au coût des recherches de base réalisées sur le terrain, après entente mutuelle sur leur programme.

Stream measurement work was carried on between 1894 and 1908 in connection with the Canadian Irrigation Surveys. Early in 1909 the Hydrometric Survey was organized as part of the Forestry and Irrigation Branch and was conducted by the Branch until 1911. The Hydrometric Survey was then assigned to the Irrigation Branch (later the Reclamation Service) remaining in that organization until July, 1920, when it was transferred to the Dominion Water Power Branch. Following the transfer of the natural resources of Saskatchewan to provincial control as of October 1, 1930, a co-operative agreement was arranged with the Government of Saskatchewan for the continuance of the hydrometric survey by the federal government. Although this agreement was terminated in 1933 work was continued by the federal government under letter arrangement until 1975. A co-operative agreement, (with an implementation date of April 1, 1975), was signed with the Government of Saskatchewan on February 18, 1975. The agreement provides that water quantity surveys will be continued by the federal government on a shared cost basis.

CO–OPERATION AND ACKNOWLEDGMENTS

Co-operative undertakings with other agencies form an important part of the activities of the Water Survey of Canada. Close co-operation has been maintained with public agencies and private organizations concerned with water resources. Runoff and other data have been mutually exchanged and stream-gauging operations have been facilitated by the assistance received from a number of organizations.

On waters adjacent to the International Boundary, certain gauging stations are maintained by Canada (or the United States) under agreement with the United States (or Canada) and the records are collected and compiled in a manner equally acceptable to both countries. These stations are designated as "International Gauging Stations" in this publication.

For the valuable assistance and co-operation received in obtaining hydrometric survey records, the Water Survey of Canada is indebted to the following organizations:

Federal	–	Agriculture Canada, PFRA.
Provincial	–	Saskatchewan Power Corporation; Saskatchewan Research Council; Saskatchewan Department of the Environment.
Private	–	Churchill River Power Company; University of Saskatchewan.

Entre 1894 et 1908, des relevés ont été effectués en même temps que les levés canadiens relatifs à l'irrigation. Au début de l'année 1909, un service des relevés hydrométriques a été créé au sein de la Direction des forêts et de l'irrigation, qui s'en est occupée jusqu'en 1911. L'exécution de ces relevés a ensuite été confiée à la Direction de l'irrigation (devenue plus tard le Service de la mise en valeur des terres), et ce jusqu'en juillet 1920, date à laquelle la Direction fédérale de l'énergie hydraulique en a pris charge. Après que la responsabilité des ressources naturelles de la Saskatchewan a passé à cette dernière, le 1^{er} octobre 1930, un accord de coopération a été conclu avec son gouvernement, aux termes duquel le gouvernement fédéral s'est engagé à poursuivre l'exécution des relevés hydrométriques. L'accord a pris fin en 1933, mais en vertu d'une lettre d'entente, le gouvernement fédéral a continué d'exécuter les observations hydrométriques jusqu'en 1975. Le 18 février 1975, le gouvernement de la Saskatchewan a signé un nouvel accord, qui est entré en vigueur le 1^{er} avril 1975, renfermant des dispositions grâce auxquelles le gouvernement fédéral s'occupera du programme de relevés hydrométriques et partagera le coût des mesures avec la province.

COOPÉRATION ET REMERCIEMENTS

Le travail entrepris en coopération avec d'autres organismes représente une partie importante des activités de la Division des relevés hydrologiques du Canada. On a maintenu une étroite collaboration avec les organismes, publics ou privés, qui s'intéressent aux ressources en eau. On a échangé des données portant sur l'écoulement ou sur d'autres points, et l'assistance fournie par beaucoup d'organismes a facilité les opérations de jaugeage.

Pour ce qui est des eaux adjacentes à la frontière internationale, certaines stations de jaugeage dépendent du Canada (ou des États-Unis) suite à un accord avec les États-Unis (ou le Canada), et les relevés sont faits et compilés de façon à satisfaire les deux pays. Ces stations sont nommées «Stations internationales de jaugeage».

La Division des relevés hydrologiques du Canada est redevable aux organismes suivants de l'aide et de la collaboration précieuses qu'ils lui ont apportées lors de la prise des relevés hydrométriques:

Niveau fédéral	–	Agriculture Canada (ARAP).
Niveau provincial	–	*Saskatchewan Power Corporation*, Conseil de recherche de la Saskatchewan, Ministère de l'Environnement de la Saskatchewan.
Secteur privé	–	*Churchill River Power Company*, Université de la Saskatchewan.

EQUIVALENTS OF MEASURE

The following list of convenient equivalents of measure includes the relationship between imperial units and the International System of Units (SI).

1 inch equals 2.54 cm (centimetres)
1 foot equals 0.3048 m (metre)
1 statute mile equals 1.6093 km (kilometres)

1 cm (centimetre) equals 0.393 70 inch
1 m (metre) equals 3.2808 feet
1 km (kilometre) equals 0.621 37 mile

1 acre equals 43 560 square feet
1 acre equals 0.404 69 ha (hectare)
1 square mile equals 640 acres
1 square mile equals 2.5900 km^2 (square kilometres)
1 square mile equals 259.0 ha (hectares)

1 ha (hectare) equals 10 000 m^2 (square metres)
1 ha (hectare) equals 2.4710 acres
1 km^2 (square kilometre) equals 0.386 10 square mile

1 cubic foot equals 6.2288 imperial gallons
1 imperial gallon equals 4.546 09 L (litres)
1 imperial gallon equals 1.2010 U.S. gallons
1 U.S. gallon equals 0.133 68 cubic foot
1 cubic foot equals 0.028 317 m^3 (cubic metre)
1 m^3 (cubic metre) equals 35.315 cubic feet
1 dam^3 (cubic decametre) equals 1000 m^3 (cubic metres)
1 dam^3 (cubic decametre) equals 1 mm (millimetre) over 1 km^2 (square kilometre)

1 cubic foot per second for one day equals 1.9835 acre-feet
1 cubic foot per second for one day covers one square mile to a depth of 0.037 19 inch
1 acre-foot equals 1.2335 dam^3 (cubic decametres)
1 m^3/s (cubic metre per second) for one day equals 86.4 dam^3 (cubic decametre)
1 m^3/s (cubic metre per second) for one day covers one square kilometre to a depth of 0.0864 m (metre)

1 foot per second equals 0.6818 mile per hour
1 mile per hour equals 1.467 feet per second
1 m/s (metre per second) equals 3.6 km/h (kilometre per hour)
1 km/h (kilometre per hour) equals 0.2778 m/s (metre per second)

1 cubic foot per second equals 0.028 317 m^3/s (cubic metre per second)
1 m^3/s (cubic metre per second) equals 35.315 cubic feet per second

1 pound equals 0.453 59 kg (kilogram)
1 kg (kilogram) equals 2.2046 pounds

1 short ton (2000 pounds) equals 0.907 18 t (tonne)
1 t (tonne) equals 2204.6 pounds

degrees Celsius = 5/9 (degrees Fahrenheit − 32)
degrees Fahrenheit = 9/5 (degrees Celsius) + 32

ÉQUIVALENCES DES UNITÉS DE MESURE

Voici une liste des unités de mesure impériales et leurs équivalences dans le Système international d'unités (SI).

1 pouce vaut 2.54 cm (centimètres)
1 pied vaut 0.3048 m (mètre)
1 mille terrestre équivaut à 1.6093 km (kilomètre)

1 cm (centimètre) équivaut à 0.393 70 pouce
1 m (mètre) équivaut à 3.2808 pieds
1 km (kilomètre) équivaut à 0.621 37 mille

1 acre vaut 43 560 pieds carrés
1 acre équivaut à 0.404 69 ha (hectare)
1 mille carré vaut 640 acres
1 mille carré équivaut à 2.5900 km^2 (kilomètres carrés)
1 mille carré équivaut à 259.0 ha (hectare)

1 ha (hectare) vaut 10 000 m^2 (mètres carrés)
1 ha (hectare) équivaut à 2.4710 acres
1 km^2 (kilomètre carré) équivaut à 0.386 10 mille carré

1 pied cube équivaut à 6.2288 gallons impérials
1 gallon impérial vaut 4.546 09 L (litres)
1 gallon impérial équivaut à 1.2010 gallon américain
1 gallon américain équivaut à 0.133 68 pied cube
1 pied cube vaut 0.028 317 m^3 (mètre cube)
1 m^3 (mètre cube) vaut 35.315 pieds cubes
1 dam^3 (décamètre cube) vaut 1000 m^3 (mètres cubes)
1 dam^3 (décamètre cube) vaut 1 mm (millimètre) qui couvre 1 km^2 (kilomètre carré)

1 pied cube par seconde pendant un jour équivaut à 1.9835 acre-pied
1 pied cube par seconde pendant un jour équivaut à un volume d'un mille carré par 0.037 19 pouce
1 acre-pied équivaut à 1.2335 dam^3 (décamètres cubes)
1 m^3/s (mètre cube par seconde) pour un jour vaut 86.4 dam^3 (décamètre cube)
1 m^3/s (mètre cube par seconde) pour un jour couvre un kilomètre carré à une profondeur de 0.0864 m (mètre)

1 pied par seconde équivaut à 0.6818 mille par heure
1 mille par heure équivaut à 1.467 pied par seconde
1 m/s (mètre par seconde) vaut 3.6 km/h (kilomètre par heure)
1 km/h (kilomètre par heure) vaut 0.2778 m/s (mètre par seconde)

1 pied cube par seconde équivaut à 0.028 317 m^3/s (mètre cube par seconde)
1 m^3/s (mètre cube par seconde) équivaut à 35.315 pieds cubes par seconde

1 livre équivaut à 0.453 59 kg (kilogramme)
1 kg (kilogramme) équivaut à 2.2046 livres

1 tonne courte (2000 livres) équivaut à 0.907 18 t (tonne)
1 t (tonne) équivaut à 2204.6 livres

degrés Celsius = 5/9 (degrés Fahrenheit − 32)
degrés Fahrenheit = 9/5 (degrés Celsius) + 32

DEFINITION OF TERMS AND ABBREVIATIONS

"Control" is the condition downstream from a gauging station that determines the stage-discharge relationship. It may be a stretch of rapids, a weir or other artificial structure. In the absence of such features, the control may be a less obvious condition such as a convergence of the channel or even simply the resistance to flow through a downstream reach. A shifting control exists where the stage-discharge relationship tends to change because of impermanent bed or banks.

"Cubic metres per second" (m^3/s) is a unit expressing rate of discharge. One cubic metre per second is equal to one cubic metre of water flowing past a particular point in one second. This is the basic unit in general use, other units being computed from it by the use of factors as given in the previous paragraph under "Equivalents of Measure".

"Gauging station" is a location where systematic records of stage or stage and discharge are obtained.

"Miscellaneous (or related) data" is all data not published in the regular series of hydrometric and sediment data publications such as unpublished water levels and the various parameters that are measured in obtaining discharge measurements, e.g. water depth, velocity, width, air and water temperatures, ice thickness. This also includes discharge measurements and water level and sediment observations obtained at locations which are not regular gauging stations. Various types of "derived" data could also be considered "miscellaneous", such as water levels and discharges at selected time intervals (usually hourly).

"Stage-discharge relationship" is the relation between the water level and the discharge at a gauging station.

PUBLICATION OF SURFACE WATER AND SEDIMENT DATA

Surface Water Data have been published in a variety of formats in imperial units since 1908 in approximately 300 publications which are now mostly out-of-print. Commencing with the 1979 publications, data are presented in the International System of Units (SI). However, the format has remained the same wherein Canada is divided into eight regions. The provinces each represent a separate region except for New Brunswick, Newfoundland, Nova Scotia and Prince Edward Island which together form the Atlantic Provinces region, and the Yukon and Northwest Territories which make up another. The publications are identified by the province(s) or territories covered and the year in which data were collected. These data are published annually on a calendar-year basis and the stations are listed alphabetically, with two years of data per page.

DÉFINITIONS DES TERMES ET ABRÉVIATIONS

«Élément régulateur» – élément qui conditionne l'écoulement en aval d'une station de jaugeage et qui détermine la relation hauteur-débit au niveau de la station. Ce peut être une série de rapides, un déversoir ou toute autre structure artificielle. En l'absence de ces structures, l'élément régulateur peut provenir d'une condition moins apparente comme le rétrécissement d'un chenal ou simplement la résistance à l'écoulement d'un tronçon situé en aval. Il y a élément régulateur changeant quand la relation hauteur-débit tend à être modifiée par un lit ou des rives instables.

«Mètres cubes par seconde» (m^3/s) – unité du taux d'écoulement. Un mètre cube par seconde équivaut à un mètre cube d'eau s'écoulant en un point donné en une seconde. C'est l'unité de base généralement employée, les autres unités dérivées à partir de celle-ci sont données sous la rubrique «Équivalences des unités de mesure».

«Station de jaugeage» – lieu où l'on effectue des relevés systématiques de la hauteur ou de la hauteur et du débit de l'eau.

«Les données diverses (ou connexes)» – représentent toutes les données qui ne sont pas publiées dans les séries régulières des publications sur les données hydrométriques et les sédiments, par exemple celles des niveaux des eaux et des autres paramètres qui sont mesurés en même temps que le débit, soit la profondeur de l'eau, sa vitesse, son étendue, la température de l'eau et de l'air, l'épaisseur de la glace. Les mesures de débit ainsi que les observations sur les niveaux des eaux et les sédiments, obtenues à des emplacements autres que les stations régulières de jaugeage, sont aussi incluses. D'autres types de données «dérivées» pourraient aussi être classées dans cette catégorie de données «diverses», à savoir les niveaux des eaux et les débits observés à des intervalles de temps précis (en général, toutes les heures).

«Relation hauteur-débit» – relation qui existe entre la hauteur et le débit au niveau d'une station de jaugeage.

PUBLICATION DES DONNÉES SUR LES EAUX DE SURFACE ET LES SÉDIMENTS

Depuis 1908, les *Données sur les eaux de surface* ont été publiées, en utilisant diverses formules et en ayant recours au système d'unités impériales, dans quelque 300 publications lesquelles sont pour la plupart épuisées. À partir de 1979, les données sont fournies dans le Système international d'unités (SI). Toutefois, la présentation est toujours la même, c'est-à-dire que le Canada est divisé en huit régions. Chaque province représente une région distincte sauf le Nouveau-Brunswick, la Terre-Neuve, la Nouvelle-Écosse et l'Île-du-Prince-Édouard qui constituent la région des provinces de l'Atlantique, comme c'est le cas aussi pour le Yukon et les Territoires du Nord-Ouest qui sont réunis en une seule région. Les publications sont identifiées par le nom des provinces ou territoires concernés et par l'année de la cueillette des données. Les données sont publiées annuellement, en fonction de l'année civile, et les stations sont classées par ordre alphabétique, chaque page de données couvrant deux années.

The first edition of a *Surface Water Data Reference Index* was published for data to 1966 by province or region. Subsequent editions were published annually or biennially in one publication for Canada. Commencing with the 1979 publication, data are presented in the International System of Units (SI) and future editions will be published biennially. Gauging stations are listed by province or territory, in upstream to downstream order. Coloured maps showing the locations of both active and the discontinued stations were included in the first and second editions and were provided in a separate Hydrometric Map Supplement to the 1972 and the 1977 editions. The latest editions of the Reference Index and the Hydrometric Map Supplement supersede all previous editions.

The first edition of a publication series titled *Historical Streamflow Summary* was produced for data to 1970. Subsequent editions have been published every three years. This publication series contains a summary of historical monthly and annual mean discharges and annual extremes for the entire period of record for all stations where streamflow data have been collected during the history of the Water Survey of Canada. Data are published by province or region, as for the annual Surface Water Data publications. Commencing with the 1979 publications, data are presented in the International System of Units (SI). Editions subsequent to 1982 will be published every two years. The latest edition supersedes all previous editions, since it contains any corrections or additions since the last publication.

The first edition of a publication series titled *Historical Water Levels Summary* was produced for data to 1976. This publication series contains a summary of historical monthly and annual mean water levels and annual extremes for the period of record for all stations on lakes or reservoirs where water level data have been collected during the history of the Water Survey of Canada. It also contains a summary of water level data for all stations on rivers where "water levels only" were collected or for certain stations on rivers where streamflow data are collected, but the historical water level information is considered to be of sufficient demand to warrant inclusion in the publication (daily water levels for stations where streamflow data are collected are not normally published in the annual Surface Water Data publications). Data are published by province or region, as for the annual Surface Water Data publications. Commencing with the 1979 publications, data are presented in the International System of Units (SI). Editions subsequent to 1983 will be published every two years. The latest edition supersedes all previous editions, since it contains any corrections or additions since the last publication.

During the years 1948 to 1960, some sediment data were collected for several Prairie rivers to meet the needs of particular projects. The first Water Resources Paper series containing sediment data incorporated a selection of these data and also data for part of the year ending September 30, 1961, at stations established for the continuing program. The second issue was a biennial publication covering only the continuing program for the 1962 and 1963 water years. All subsequent editions titled *Sediment Data Canadian Rivers* have been published annually. The sediment data since 1978 have been presented entirely in the International System of Units (SI).

La première édition de l'*Index de référence des données sur les eaux de surface* comprenait les données disponibles jusqu'en 1966, de chaque province ou région. Les éditions subséquentes étaient publiées annuellement ou tous les deux ans en une seule publication pour tout le Canada. À partir de 1979, les données sont fournies dans le Système international d'unités (SI) et les éditions subséquentes vont paraître tous les deux ans. Les stations de jaugeage sont présentées par province ou territoire et placées dans l'ordre de leur position, d'amont en aval. Des cartes en couleurs, qui indiquent l'emplacement des stations hydrométriques en service, y compris celles qui ne le sont plus, ont paru dans les première et deuxième éditions ainsi que dans le *Supplément de cartes hydrométriques* de 1972 et de 1977. L'édition la plus récente de l'*Index de référence* et celle du *Supplément de cartes hydrométriques* annulent les éditions antérieures.

La première édition d'une série de publications intitulée *Sommaire chronologique de l'écoulement* renfermait les données disponibles jusqu'en 1970. Les éditions subséquentes étaient publiées tous les trois ans. Cette série de publications renferme un résumé des moyennes mensuelles et annuelles des débits ainsi que les débits extrêmes annuels pour toute la période d'enregistrement et pour toutes les stations où des données de débit sont recueillies par la Division des relevés hydrologiques du Canada. Les données sont publiées par province ou région, comme c'est le cas pour les publications annuelles des données sur les eaux de surface. À partir de 1979, les données sont fournies dans le Système international d'unités (SI). Les éditions subséquentes à 1982 vont paraître tous les deux ans. L'édition la plus récente annule toutes les éditions antérieures, car elle renferme toutes les corrections et mises à jour depuis la dernière parution.

La première édition d'une série de publications intitulée *Sommaire chronologique des niveaux d'eau* comprenait les données disponibles jusqu'en 1976. Cette série de publications contient un résumé des niveaux moyens mensuels et annuels ainsi que des niveaux extrêmes annuels pour la période d'enregistrement pour toutes les stations de lacs ou de réservoirs où des données sur les niveaux d'eau sont recueillies par la Division des relevés hydrologiques du Canada. Elle renferme également un résumé des niveaux d'eau pour toutes les stations de rivières effectuant «uniquement» des relevés de niveaux d'eau ou pour certaines stations de rivières où des données de débit sont recueillies de même que des données sur les niveaux d'eau qui peuvent répondre aux besoins des utilisateurs (en général, les niveaux d'eau quotidiens de stations effectuant des relevés de débit ne sont pas publiées dans les publications annuelles des données sur les eaux de surface). Les données sont publiées par province ou région, comme c'est le cas pour les publications annuelles des données sur les eaux de surface. À partir de 1979, les données sont fournies dans le Système international d'unités (SI). Les éditions subséquentes à 1983 vont paraître tous les deux ans. L'édition la plus récente annule toutes les éditions antérieures, car elle renferme toutes les corrections et mises à jour depuis la dernière parution.

De 1948 à 1960, on a recueilli des données pour plusieurs cours d'eau des Prairies en prévision de la réalisation de certains projets. La première publication contenant des données sur les sédiments a paru dans la série intitulée *Water Resources Paper*; elle présentait un choix de ces données ainsi que des données recueillies en 1961 avant le 30 septembre à des stations établies pour la réalisation du programme permanent. La deuxième publication a porté sur les données recueillies dans le cadre du programme au cours des années hydrologiques 1962 et 1963. Par la suite, les données ont été publiées annuellement sous le titre *Données sur les sédiments - rivières canadiennes*. Depuis 1978, les données sont exprimées en unités du Système international (SI).

Commencing with 1984, the *Sediment Data* are presented and published in a new format wherein Canada is divided into eight regions. The provinces each represent a separate region except for New Brunswick, Newfoundland, Nova Scotia and Prince Edward Island, which together form the Atlantic Provinces region, and the Yukon and Northwest Territories which make up another. The publications are identified by the province or territories covered and the year in which the data were collected. These data are published annually on a calendar-year basis and the stations are listed alphabetically.

The first edition of a *Sediment Data Reference Index* was published for data to 1972. It contains a tabulation of locations in Canada where sediment data were collected by the Water Survey of Canada. The index has been subdivided alphabetically by province or territory, with sediment survey stations also listed alphabetically. Commencing with the 1978 publication, data are presented in the International System of Units (SI) and will continue to be published biennially. The latest edition supersedes all previous editions because it contains any corrections or additions since the last publication.

The first edition of a new publication series titled *Historical Sediment Data Summary for Canadian Rivers* was produced for data to 1974. This publication contains a summary of historical monthly and annual mean suspended sediment load, and annual extremes of daily suspended sediment concentration and loads and total annual suspended load. Commencing with the 1978 publication, data are presented entirely in the International System of Units (SI). This publication has been discontinued, as much of the information is now included in the new annual *Sediment Data* publication.

METHOD OF TABULATION OF SURFACE WATER DATA

For gauging stations where a systematic record of water level or discharge was obtained during the year under review, the following are given where available:

1. Table of daily water level or discharge;
2. Summary of monthly and annual data;
3. Descriptive information.

1. *The table of daily water level* or *discharge* gives the daily water level in metres or the daily discharge in cubic metres per second at the gauging station.

The following standard symbols are used opposite the daily stage or discharge to which they apply:

A – Manual Gauge – indicates that one or more manual gauge observations per day were obtained and used as the mean for the day for a gauging station equipped with a recording gauge. This symbol is used during open-water periods only.

B – Ice Conditions – indicates that for a gauging station where discharge data are obtained the presence of ice has affected the stage-discharge relationship.

E – Estimated – indicates any estimated data. It indicates that the value was determined by some indirect method such as interpolation, extrapolation, estimation from a graph of observed readings, comparison with other streams or by comparison with meteorological data.

En 1984, la présentation des données a été modifiée. Le Canada a été divisé en huit régions, une région pour chaque province, sauf le Nouveau-Brunswick, Terre-Neuve, la Nouvelle-Écosse et l'Île-du-Prince-Édouard qui, ensemble, forment la région des provinces de l'Atlantique, et les Territoires du Yukon et du Nord-Ouest, qui forment une autre région. Les publications sont nommées selon la région couverte et l'année des données (année civile). Ces publications sont annuelles. Les stations y sont présentées par ordre alphabétique.

Un *Index de référence des données sur les sédiments* est publié. La première édition portait sur les données disponibles jusqu'en 1972. Les emplacements où des données sur les sédiments ont été recueillies au Canada par la Division des relevés hydrologiques y sont présentés sous forme de tableau. L'*Index* est subdivisé selon l'ordre alphabétique par province ou territoire, et les stations de mesure des sédiments sont classées par ordre alphabétique. À partir de 1978, les données sont exprimées en unités du Système international (SI). L'*Index* est publié tous les deux ans; l'édition la plus récente annule toutes les éditions antérieures, car elle renferme toutes les corrections et mises à jour effectuées depuis la dernière parution.

Une autre série de publications a porté le titre *Sommaire chronologique des données sur les sédiments de rivières canadiennes*. La première édition renfermait les données disponibles jusqu'en 1974. Cette série présentait un résumé donnant les moyennes mensuelles et annuelles historiques du débit des sédiments en suspension, les valeurs annuelles extrêmes de la concentration journalière et du débit journalier des sédiments en suspension et le débit annuel total des sédiments en suspension. À partir de 1978, les données ont été présentées en unités du Système international (SI). Cette série a été abandonnée, car une bonne partie de l'information est maintenant contenue dans la nouvelle publication annuelle intitulée *Données sur les sédiments*.

PRÉSENTATION SOUS FORME DE TABLEAUX DES DONNÉES SUR LES EAUX DE SURFACE

Pour les stations de jaugeage où on a effectué, au cours de l'année étudiée, un relevé systématique du débit ou du niveau, les données suivantes sont présentées, pour autant qu'elles soient disponibles:

1. un tableau du niveau ou du débit quotidien;
2. un extrait des données mensuelles et annuelles;
3. des renseignements descriptifs.

1. *Le tableau du niveau* ou *du débit quotidien* donne la hauteur des eaux, en mètres ou le débit, en mètres cubes par seconde, mesuré à la station de jaugeage.

Les symboles normalisés donnés ci-après sont inscrits à côté des valeurs auxquelles ils se rapportent:

A – Jauge manuelle – indique qu'on a effectué à une station de jaugeage dotée d'une jauge enregistreuse au moins une observation par jour à l'aide d'une jauge manuelle et qu'on s'en est servi comme moyenne pour la journée en question. Le symbole n'est employé qu'au cours de périodes d'eau libre.

B – Glaces – indique, pour les données portant sur le débit, que la présence de glaces à la station de jaugeage a faussé la relation hauteur-débit.

E – Estimatives – indique une donnée estimative, c'est-à-dire qu'on a déterminé la valeur de façon indirecte, par exemple par interpolation, extrapolation, à l'aide de graphique, ou par comparaison avec d'autres cours d'eau ou avec des données météorologiques.

2. *A summary of monthly and annual data* is given below the table of daily data.

For stations where only water level data are obtained, both a monthly and annual summary are given.

The monthly summary gives:
(a) the mean water level in metres for complete months;
(b) the maximum and minimum daily water level in metres.

The summary for the year gives:
(a) the mean water level in metres for complete years;
(b) the maximum and minimum daily water levels and their dates of first occurrence where applicable;
(c) the maximum instantaneous water level and the time of occurrence where available.

For stations where discharge data are collected, both a monthly and annual summary are given.

The monthly summary gives:
(a) the total of the daily discharge values for complete months;
(b) the mean discharge in cubic metres per second;
(c) the total discharge in cubic decametres;
(d) the maximum and minimum daily discharges in cubic metres per second.

The summary for the year or period gives:
(a) the mean discharge in cubic metres per second;
(b) the total discharge in cubic decametres;
(c) the maximum and minimum daily discharges and their dates of first occurrence;
(d) the maximum instantaneous discharge and the time of occurrence, where available.

3. *The descriptive information* about the gauging station is also given below the table of daily data and will indicate the following where applicable:

International Gauging Stations – on waters adjacent to the international boundary, certain gauging stations have been designated as "International" and records are approved jointly. Differences between figures published herein and corresponding figures in United States Water Supply Papers are due to variations in automated data processing techniques.

Type of Gauge – refers to the installation or method used to obtain water level or discharge data:

(a) Manual – a non-recording type of gauge from which observations of stage normally are obtained once daily.
(b) Recording – a water-stage recorder from which continuous water levels are obtained on an analog chart. For most International Gauging Stations located in the United States, water level records are obtained utilizing a digital recorder.
(c) Power Plant Rating – this indicates that records were obtained using the latest available rating of the Power Plant.

2. *Un extrait des données mensuelles et annuelles* est donné au-dessous du tableau des données quotidiennes.

Les extraits mensuels et annuels sont présentés dans le cas des stations où on n'a mesuré que le niveau.

L'extrait mensuel donne:
(a) le niveau moyen en mètres pour le mois entier, et
(b) les niveaux quotidiens maximal et minimal en mètres.

L'extrait annuel donne:
(a) le niveau moyen en mètres pour l'année entière;
(b) les niveaux quotidiens maximal et minimal ainsi que les dates de leur première observation, s'il y a lieu, et
(c) le niveau maximal instantané et l'heure de l'observation, s'il y a lieu.

Les extraits mensuels et annuels sont présentés dans le cas des stations où on n'a mesuré que le débit.

L'extrait mensuel donne:
(a) le total des valeurs quotidiennes du débit, pour le mois entier;
(b) le débit moyen en mètres cubes par seconde;
(c) le débit total en décamètres cubes, et
(d) les débits quotidiens maximal et minimal en mètres cubes par seconde.

L'extrait annuel ou périodique donne:
(a) le débit moyen en mètres cubes par seconde;
(b) le débit total en décamètres cubes;
(c) les débits quotidiens maximal et minimal ainsi que les dates de première observation, s'il y a lieu, et
(d) le débit maximal instantané et l'heure de l'observation, s'il y a lieu.

3. *Les renseignements descriptifs* sur les stations de jaugeage sont également présentés sous le tableau des données quotidiennes et apportent les précisions qui suivent, s'il y a lieu:

Stations internationales de jaugeage (International Gauging Stations) – Dans les eaux contiguës aux frontières, on a désigné certaines stations comme «internationales», et les données prélevées sont approuvées par les pays concernés. Les différences entre les chiffres publiés dans la présente publication et les *United States Water Supply Papers* proviennent de variantes dans les techniques de traitement automatique des données.

Type de jauge (Type of Gauge) – Il s'agit des jauges ou des méthodes de jaugeage utilisées pour obtenir les données sur le niveau et le débit d'un cours d'eau:

(a) Manuelle (Manual) – indique qu'un appareil non enregistreur sert à obtenir une fois par jour les données sur le niveau et le débit d'un cours d'eau.
(b) Enregistreuse (Recording) – indique qu'un limnigraphe permet de mesurer de façon continue le niveau des eaux tracé sur une carte analogique. La plupart des stations internationales de jaugeage des États-Unis obtiennent les données sur le niveau des eaux à l'aide d'un enregistreur numérique.
(c) Régime des stations hydrauliques (Power Plant Rating) – indique qu'on a obtenu les données grâce aux valeurs les plus récentes des régimes mesurés dans les stations hydrauliques.

Location — the latitude and longitude co-ordinates of the location of the gauge are given. For stations where the gauge is located an appreciable distance from the discharge measurement section, these co-ordinates give the location of the discharge measurement section.

Drainage Area — this is the latest available drainage area and refers to that area enclosed by a topographic divide such that direct surface runoff from precipitation would drain by gravity into the stream upstream from the location of the station. For a gauging station on a lake, this refers to the total drainage area at the outlet of the lake.

Contributed Data — if data were supplied in their entirety by an outside agency, the name of the co-operating agency is given.

Natural Flow or *Regulated* — where the flow is known to be natural, this is indicated. The flow of water in many river systems is affected by upstream regulation. In some cases, the extent of this regulation is not known and therefore is not indicated. However, where the regulation is known to be "appreciable", this is indicated as well as the year that the regulation began, if known.

Gauge Datum — for stations where only water level data are available, the name of the datum, to which water levels are referred, is given as well as an equation to convert to another datum if applicable. Detailed information on the description of the bench marks to which water levels are referred is available from the appropriate Regional Chief.

Remarks — unusual conditions which occur at a station are explained.

REVISIONS

A number of corrections or revisions have been made to previously published data. Many of these were required because of typographical or computational errors which were exposed when daily discharges were stored on magnetic tape and monthly means were re-calculated by computer. Other errors were discovered or different interpretations of basic data were made during the systematic review of historical streamflow data presently underway, for example, these revisions may have been justified because a more reliable stage-discharge relationship had been developed.

Revisions to daily discharges or daily water levels are not published at present. However, those stations where a systematic review has been conducted are identified in the Surface Water Data Reference Index publication. The Historical Streamflow Summary publications contain revisions to monthly and annual mean discharges, and annual extremes of discharge. The Historical Water Levels Summary publications contain revisions to monthly and annual mean water levels, and annual extremes of water level. Recent revisions, corrections or additions made to the historical discharges and water levels are indicated by an "R" symbol in the summary publications. This "R" symbol is deleted from the data bank after publication of the summaries. Detailed information on revisions to historical data is available from the appropriate Regional Chief.

Emplacement (Location) — La latitude et la longitude de la station de jaugeage sont indiquées. Dans les cas où l'équipement de mesure est situé à un endroit éloigné de la section où le jaugeage est effectué, on indique les coordonnées de cette section.

Superficie du bassin versant (Drainage Area) — Il s'agit de la superficie du bassin versant déterminée d'après les cartes les plus récentes et désigne la zone délimitée par une ligne de partage des eaux de sorte que l'écoulement d'averse est entraîné par gravité vers le cours d'eau en amont de la station. S'il s'agit d'une station située sur un lac, elle représente la superficie totale jusqu'à l'émissaire du lac.

Données fournies (Contributed Data) — Nom de l'organisme extérieur qui a fourni les données.

Débit naturel ou *régularisé* (Natural Flow or Regulated) — Un débit reconnu comme naturel est indiqué comme tel. Le débit de plusieurs réseaux hydrographiques est modifié par une régularisation qui est effectuée en amont. Il arrive parfois que l'importance de cette régularisation ne soit pas connue, et elle n'est donc pas indiquée. Cependent, quand on sait que la régularisation est d'une certaine importance, on l'indique ainsi que l'année où elle a débuté (si elle est connue).

Plan de référence des jauges (Gauge Datum) — Pour les stations dans lesquelles on ne mesure que le niveau de l'eau, on indique le plan de référence de la jauge en question et l'équation permettant, au besoin, de convertir ce plan en un autre plan. En s'adressant au chef régional concerné, on peut obtenir des renseignements plus précis au sujet des niveaux de référence auxquels correspondent les niveaux mesurés.

Remarques (Remarks) — Les conditions inhabituelles qui prévalent à une station sont expliquées.

RÉVISIONS

On a corrigé ou révisé beaucoup de données déjà publiées. Il a été nécessaire d'effectuer plusieurs corrections, car on a relevé des erreurs typographiques ou de calculs lorsqu'on a enregistré les débits quotidiens sur rubans magnétiques et qu'on a recalculé à l'aide d'ordinateurs les moyennes mensuelles. On a aussi relevé d'autres erreurs ou fait des interprétations différentes de données de base au cours de la révision rétrospective systématique des données de débit qu'on est à faire en ce moment. Ainsi, on peut justifier des corrections, par le fait qu'on ait trouvé une relation hauteur-débit plus sûre.

Les corrections apportées aux débits quotidiens ou aux niveaux d'eau quotidiens ne sont pas publiées, du moins pour le moment. Cependant, les stations où on a effectué une révision systématique sont identifiées dans l'*Index de référence des données sur les eaux de surface*. Les publications intitulées *Sommaire chronologique de l'écoulement* contiennent des données sur les moyennes mensuelles et annuelles des débits et sur les extrêmes annuels des débits qu'on a révisées. Les publications intitulées *Sommaire chronologique des niveaux d'eau* renferment les révisions apportées aux niveaux moyens mensuels et annuels ainsi que les extrêmes annuels. Les révisions et corrections apportées récemment aux débits chronologiques et aux niveaux d'eau sont accompagnées du symbole «R» dans les publications sommaires. Ce symbole «R» est omis de la banque de données après la publication des sommaires. On peut obtenir plus de détails sur les révisions en s'adressant au chef régional concerné.

ACCURACY OF HYDROMETRIC DATA

The overall accuracy or the degree of reliability of hydrometric data referred to herein, depends upon

(1) The type of gauge, stability of gauge, accuracy of observation of stage and measurement of reference datum,

(2) The stability of the stage-discharge relationship; or if the control is unstable, the frequency and accuracy of discharge measurements, and

(3) The computation procedures and interpretation of records.

Because of all these variable factors, the number of significant figures used herein has been standardized for uniformity of presentation and does not reflect the degree of accuracy of the data. The Water Resources Branch standard for storing water level data is to three decimal points (0.001 m), although some contributing agencies provide data to two decimal points (0.01 m).

A measure of the reliability of the records can be made by an examination of the distribution of the symbols A, E and B (for discharge data).

In general, data collected during open-water periods are more reliable than those collected during periods of ice conditions or those obtained by estimation. Further, water level data collected utilizing a water-stage recorder are more reliable and accurate than those using a manual gauge only, especially for small or flashy streams.

EXACTITUDE DES DONNÉES HYDROMÉTRIQUES

La précision totale ou le degré d'exactitude des données hydrométriques dont on parle ici sont basés sur

(1) Le type de jauge, la stabilité de la gauge, la précision des observations sur les niveaux et de la mesure de la donnée de référence,

(2) La stabilité de la relation hauteur-débit ou, si l'élément régulateur est changeant, sur la fréquence et la précision des mesures de débits, et

(3) L'évaluation des procédés et l'interprétation des chiffres.

À cause de toutes les variables déjà mentionnées, on a normalisé pour des fins d'uniformité de présentation le nombre de chiffres significatifs, mais ceci ne réflète pas le degré d'exactitude des données. Dans la Direction des ressources en eau, les normes de cueillette des données sur le niveau des eaux sont de l'ordre de trois décimales (0.001 m), alors que certains organismes dans ce domaine n'exigent que deux décimales (0.01 m).

L'exactitude des données peut être appréciée par l'examen de la répartition des symboles A, E et B (pour les données de débits).

En général, les données recueillies au cours des périodes d'eau libre sont plus sûres que celles qui sont obtenues au cours des périodes de glaces ou par estimation. De plus, les données sur le niveau des eaux qui sont mesurées à l'aide d'un limnigraphe sont plus certaines et plus exactes que celles qui sont mesurées à l'aide d'une jauge manuelle seulement, surtout dans le cas de petits cours d'eau ou de cours d'eau à crues très rapides.

SURFACE WATER DATA/DONNÉES SUR LES EAUX DE SURFACE

ADAMS LAKE - STATION NO. 11AB095

DAILY WATER LEVEL IN METRES FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	---	1186.477	---	---	---	---	---	---	1
2	---	---	---	---	---	---	---	---	---	---	1184.904	---	2
3	---	---	---	---	---	---	---	---	---	---	---	---	3
4	---	---	---	---	---	---	---	---	---	---	---	---	4
5	---	---	---	---	---	---	---	---	---	---	---	---	5
6	---	---	---	---	---	---	---	---	---	---	---	---	6
7	---	---	---	---	---	---	---	---	---	---	---	---	7
8	---	---	---	---	---	---	---	---	---	---	---	---	8
9	---	---	1187.488	1187.478E	1187.450E	1186.324E	1186.014E	1185.680E	1185.350E	1185.102E	---	---	9
10	---	---	---	---	---	---	---	---	---	---	---	---	10
11	---	---	---	---	---	---	---	---	---	---	---	---	11
12	---	---	---	---	---	---	---	---	---	---	---	---	12
13	---	---	---	---	---	---	---	---	---	---	---	---	13
14	---	---	---	---	---	---	---	---	---	---	---	---	14
15	---	---	---	---	---	---	---	---	---	---	---	---	15
16	---	---	---	---	---	---	---	---	---	---	---	---	16
17	---	1187.201E	---	---	---	---	---	---	---	---	---	---	17
18	---	---	---	---	---	---	---	---	---	---	---	---	18
19	---	---	---	1187.468E	---	1186.220E	---	---	1185.284E	---	---	---	19
20	---	---	1187.468E	---	1187.100E	---	1185.908E	1185.554E	1185.256	1185.014E	---	---	20
21	---	---	---	---	---	---	---	---	---	---	---	---	21
22	---	---	---	---	---	---	---	---	---	---	---	---	22
23	---	1187.201	---	---	---	---	---	---	---	---	---	---	23
24	---	---	---	---	---	---	---	---	---	---	---	---	24
25	---	---	---	---	---	---	---	---	---	---	---	---	25
26	---	---	---	---	---	---	---	---	---	1184.988E	---	---	26
27	---	1187.278E	---	1187.480	---	---	1185.831	---	---	---	---	---	27
28	---	---	---	---	---	1186.131	---	---	---	---	---	---	28
29	---	1187.314E	---	1187.480E	---	1186.118E	---	---	1185.182E	---	---	---	29
30	---		1187.487E	1187.458E	1186.514E	1186.108E	1185.794E	1185.440E	1185.175E	---	---	---	30
31	---		1187.487		1186.495E		1185.782E	1185.428		1184.926E		---	31
MEAN	---	---	---	---	---	---	---	---	---	---	---	---	MEAN
MAX	---	---	---	---	---	---	---	---	---	---	---	---	MAX
MIN	---	---	---	---	---	---	---	---	---	---	---	---	MIN

SUMMARY FOR THE YEAR 1988

WATER LEVELS IN METRES

MAXIMUM DAILY, 1187.488 ON MAR 9

TYPE OF GAUGE - MANUAL
LOCATION - LAT 49 36 33 N
LONG 109 50 14 W

E - ESTIMATED

REGULATED

DRAINAGE AREA, 27.5 km²

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

REMARKS - A DAM WAS BUILT ACROSS THE LAKE IN 1987 - WATER LEVELS WERE RECORDED IN THE LOWER RESERVOIR

ALCOTT CREEK ABOVE MEADOW LAKE - STATION NO. 06AD011

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.061B	0.070B	0.436	1.86	3.81	0.336	4.52	0.480	0.308	---	1
2	---	---	0.061B	0.080B	0.413	2.49	4.42	0.426	3.85	0.443	0.334	---	2
3	---	---	0.061B	0.270B	0.244	1.80	4.47	0.631	4.08	0.447	0.353A	---	3
4	---	---	0.061B	0.500B	0.168	1.22	3.89	0.628	2.99	0.407	---	---	4
5	---	---	0.061B	0.881B	0.161	0.950	3.30	0.439	2.01	0.404	---	---	5
6	---	---	0.061B	1.51 B	0.132	0.778	3.98	0.937	1.83	0.383	---	---	6
7	---	---	0.061B	1.60 B	0.157	0.682	4.86	1.55	1.56	0.404	---	---	7
8	---	---	0.061B	1.61 B	0.156	0.488	5.41	1.69	1.42	0.392	---	---	8
9	---	---	0.061B	1.82 B	0.101	0.351	4.79	1.60	1.38	0.335	---	---	9
10	---	---	0.061B	2.36 B	0.083	0.271	3.22	1.19	1.30	0.287	---	---	10
11	---	---	0.061B	2.32 B	0.219	0.223	2.01	0.744	1.12	0.300	---	---	11
12	---	---	0.061B	2.18 B	0.203	0.203	1.31	0.452	0.917	0.351	---	---	12
13	---	---	0.061B	2.04 B	0.099	0.201	0.986	0.259	0.826	0.329	---	---	13
14	---	---	0.061B	2.01 B	0.121	0.215	0.714	0.214	0.705	0.324	---	---	14
15	---	---	0.061B	2.03 B	0.889	0.523	1.21	0.170	0.682	0.343	---	---	15
16	---	---	0.061B	1.77 B	1.01 E	0.882	1.80	0.249	0.642	0.385	---	---	16
17	---	---	0.061B	1.72 B	1.23 A	0.246	1.88	0.355	0.641	0.384	---	---	17
18	---	---	0.061B	1.76 B	1.24	0.343	1.16	0.523	0.649	0.389	---	---	18
19	---	---	0.061B	1.63	1.07	0.832	0.768	1.81	0.522	0.326	---	---	19
20	---	---	0.061B	1.31	1.39	1.33	0.480	2.84	0.522	0.317	---	---	20
21	---	---	0.061B	1.17	0.815	1.29	0.259	4.46	0.508	0.340	---	---	21
22	---	---	0.061B	1.08	0.537	0.908	0.224	6.14	0.476	0.307	---	---	22
23	---	---	0.061B	0.921	0.383	0.818	0.261	20.7	0.488	0.288	---	---	23
24	---	---	0.061B	0.874	0.366	0.828	0.312	33.4	0.485	0.284	---	---	24
25	---	---	0.061B	0.743	0.582	0.644	0.384	26.8	0.438	0.285	---	---	25
26	---	---	0.061B	0.887	0.369	0.829	0.500	20.4	0.441	0.312	---	---	26
27	---	---	0.061B	0.531	0.257	0.787	0.631	15.8	0.484	0.294	---	---	27
28	---	---	0.061B	0.523	0.139	1.15	0.600	12.1	0.512	0.317	---	---	28
29	---	---	0.061B	0.424	0.158	1.61	0.577	9.21	0.554	0.304	---	---	29
30	---		0.061B	0.315	0.211	2.88	0.249	7.08	0.616	0.302	---	---	30
31	---		0.061B		0.886		0.243	5.85		0.305		---	31
TOTAL	---	---	1.891	36.899	13.895	27.342	58.787	178.485	36.690	10.738	---	---	TOTAL
MEAN	---	---	0.061	1.23	0.448	0.911	1.90	5.76	1.22	0.346	---	---	MEAN
MAX	---	---	0.061	2.36	1.39.	2.88	5.41	33.4	4.52	0.480	---	---	MAX
MIN	---	---	0.061	0.070	0.083	0.201	0.224	0.170	0.438	0.287	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.49
MAXIMUM DAILY, 33.4 ON AUG 24
MINIMUM DAILY, 0.061B ON MAR 1
MAXIMUM INSTANTANEOUS,
35.0 AT 06:14 CST ON AUG 24

TYPE OF GAUGE - RECORDING
LOCATION - LAT 53 57 10 N
LONG 107 58 30 W
DRAINAGE AREA, 418 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	5 080
FEB	---	AUG	15 400
MAR	183	SEP	3 170
APR	3 200	OCT	928
MAY	1 200	NOV	---
JUN	2 360	DEC	---

TOTAL DISCHARGE, 31 500 dam³

ALTAWAN RESERVOIR NEAR GOVENLOCK - STATION NO. 11AB088

DAILY WATER LEVEL IN METRES FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	897.384	897.856	897.118	896.277	896.089	893.689	893.485	893.392	---	---	1
2	---	---	897.395	897.882	897.021	896.271	896.088	893.678	893.484	893.389	---	---	2
3	---	---	897.395	897.884	896.921	896.274	896.082	893.675	893.481	893.380	---	---	3
4	---	---	897.403	897.895	896.820	896.270	896.063	893.674	893.474	893.373	---	---	4
5	---	---	897.406	897.944	896.720	896.263	895.967	893.674	893.466	893.371	---	---	5
6	---	---	897.405	897.984	896.632	896.252	895.888	893.665	893.452	893.370	---	---	6
7	---	---	897.407	898.056	896.572	896.246	895.787	893.654	893.453	893.384	---	---	7
8	---	---	897.407	898.102	896.508	896.233	895.675	893.649	893.447	893.367	---	---	8
9	---	---	897.414	898.153	896.462	896.221	895.536	893.645	893.441	893.362	---	---	9
10	---	---	897.415	898.188	896.413	896.219	895.372	893.639	893.433	893.357	---	---	10
11	---	---	897.408	898.188	896.397	896.205	895.199	893.630	893.435	893.354	---	---	11
12	---	---	897.408	898.176	896.396	896.191	895.020	893.621	893.432	893.348	---	---	12
13	---	---	897.404	898.146	896.389	896.193	894.830	893.618	893.432	893.338	---	---	13
14	---	---	897.413	898.114	896.374	896.205	894.636	893.611	893.431	893.327	---	---	14
15	---	---	897.425	898.106	896.371	896.202	894.431	893.602	893.431	893.323	---	---	15
16	---	---	897.433	898.094	896.387	896.202	894.218	893.597	893.431	893.328	---	---	16
17	---	---	897.445	898.069	896.384	896.195	894.008	893.585	893.422	893.321	---	---	17
18	---	---	897.452	898.049	896.364	896.185	893.905	893.581	893.426	893.318	---	---	18
19	---	---	897.458	898.028	896.347	896.174	893.869	893.572	893.425	893.315	---	---	19
20	---	---	897.467	897.998	896.350	896.168	893.838	893.569	893.425	893.310	---	---	20
21	---	---	897.489	897.971	896.349	896.160	893.801	893.554	893.424	893.307	---	---	21
22	---	---	897.481	897.948	896.345	896.157	893.761	893.547	893.415	893.307	---	---	22
23	---	---	897.529	897.920	896.343	896.151	893.739	893.540	893.414	893.302	---	---	23
24	---	---	897.570	897.881	896.330	896.145	893.731	893.543	893.410	893.300	---	---	24
25	---	---	897.592	897.821	896.326	896.128	893.732	893.535	893.409	893.300	---	---	25
26	---	897.395A	897.607	897.697	896.324	896.127	893.726	893.525	893.405	893.298	---	---	26
27	---	897.396	897.623	897.570	896.311	896.125	893.720	893.519	893.402	893.292	---	---	27
28	---	897.396	897.626	897.437	896.314	896.116	893.718	893.518	893.397	893.288	---	---	28
29	---	897.399	897.627	897.309	896.311	896.102	893.704	893.513	893.397	893.284	---	---	29
30	---		897.633	897.211	896.300	896.088	893.704	893.500	893.396	893.288	---	---	30
31	---		897.648		896.283		893.693	893.492		893.288A		---	31
MEAN	---	---	897.476	897.892	896.466	896.192	894.830	893.594	893.433	893.331	---	---	MEAN
MAX	---	---	897.648	898.188	897.118	896.277	896.089	893.689	893.485	893.392	---	---	MAX
MIN	---	---	897.384	897.211	896.283	896.088	893.693	893.492	893.396	893.284	---	---	MIN

SUMMARY FOR THE YEAR 1988

WATER LEVELS IN METRES

MAXIMUM DAILY, 898.188 ON APR 10

MAXIMUM INSTANTANEOUS,
898.202 AT 20:33 CST ON APR 10

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

INTERNATIONAL GAUGING STATION
TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 10 00 N
LONG 109 55 00 W

A - MANUAL GAUGE

REGULATED

DRAINAGE AREA,
566 km²

AMISK LAKE NEAR FLIN FLON - STATION NO. 05KG003

DAILY WATER LEVEL IN METRES FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.837	0.839	0.830	0.839	0.841	0.864E	0.831	0.786	0.765	0.745	0.690	0.705	1
2	0.839	0.839	0.829	0.837	0.843A	0.863A	0.834	0.784	0.760	0.738	0.689	0.706	2
3	0.839	0.837	0.828	0.837	0.852E	0.858	0.821	0.784	0.756	0.741	0.681	0.704	3
4	0.839	0.835	0.828	0.841	0.854E	0.857	0.828	0.786	0.752	0.749	0.683	0.706	4
5	0.837	0.835	0.830	0.842	0.855E	0.855	0.825	0.781	0.752	0.743	0.690	0.709	5
6	0.838	0.836A	0.827	0.840	0.856E	0.847	0.825	0.784	0.751	0.739	0.693	0.706	6
7	0.837	0.835	0.826	0.838	0.856E	0.839	0.837A	0.779	0.752	0.737	0.697	0.704	7
8	0.835	0.834	0.828	0.846	0.857E	0.846	0.832A	0.780	0.760	0.736	0.702	0.703	8
9	0.834	0.835	0.824	0.853	0.857E	0.853	0.803	0.783	0.755	0.726	0.697	0.699	9
10	0.834	0.839	0.823	0.851	0.858E	0.852	0.807	0.780	0.749	0.731	0.702	0.697	10
11	0.833	0.835	0.822	0.851	0.858E	0.854	0.806	0.775	0.760	0.730	0.698	0.700	11
12	0.830	0.836	0.822	0.851	0.859E	0.855	0.798	0.775	0.753	0.726	0.693	0.704	12
13	0.829	0.835	0.820	0.848	0.859E	0.843	0.804	0.777	0.748	0.730	0.697	0.703	13
14	0.830	0.833	0.820	0.847	0.859E	0.840	0.805	0.782	0.750	0.729	0.699	0.704	14
15	0.830	0.833	0.817	0.846	0.860E	0.841	0.813	0.784	0.760	0.732	0.699	0.703	15
16	0.833	0.834	0.820	0.845	0.860E	0.848	0.821	0.786	0.743	0.727	0.697	0.706	16
17	0.832	0.835	0.819	0.844	0.860E	0.848	0.818	0.783	0.745	0.729	0.698	0.704	17
18	0.831	0.833	0.817	0.843	0.860E	0.850	0.817	0.783	0.761	0.730	0.700	0.705	18
19	0.833	0.833	0.815	0.840	0.861E	0.854	0.820	0.785	0.753	0.728	0.698	0.707	19
20	0.832	0.831	0.815	0.841	0.861E	0.848	0.827	0.781	0.755	0.717A	0.699	0.710	20
21	0.833	0.833	0.818	0.839	0.861E	0.841	0.825	0.771	0.755	0.721A	0.701	0.712	21
22	0.830	0.837	0.820	0.838	0.861E	0.838	0.823	0.787	0.759	0.713	0.700	0.712	22
23	0.833	0.836	0.819	0.836	0.862E	0.838	0.823A	0.783	0.760	0.705	0.704	0.715	23
24	0.836	0.834	0.821	0.839	0.862E	0.837	0.817	0.787	0.756	0.699	0.706	0.714	24
25	0.833	0.832	0.827	0.839	0.862E	0.840	0.818	0.785	0.755	0.702	0.706	0.712	25
26	0.834	0.832	0.826	0.837	0.862E	0.838	0.817	0.786	0.751	0.685	0.701	0.711	26
27	0.832	0.833	0.822	0.837	0.863E	0.827	0.813	0.777	0.753	0.690	0.700	0.713	27
28	0.833	0.831	0.835	0.838	0.863E	0.832	0.813	0.773	0.756	0.689	0.698	0.711	28
29	0.836	0.827	0.839	0.838	0.863E	0.836	0.808	0.772	0.763	0.692	0.703	0.708	29
30	0.837		0.839	0.839	0.863E	0.838	0.798	0.765	0.753	0.685	0.700	0.709	30
31	0.840		0.835		0.864E		0.800	0.766		0.690		0.709	31
MEAN	0.834	0.834	0.824	0.842	0.858	0.848	0.817	0.778	0.754	0.721	0.697	0.707	MEAN
MAX	0.840	0.839	0.839	0.853	0.864	0.864	0.837	0.787	0.765	0.749	0.706	0.715	MAX
MIN	0.829	0.827	0.815	0.836	0.841	0.827	0.798	0.761	0.743	0.685	0.681	0.697	MIN

SUMMARY FOR THE YEAR 1988

WATER LEVELS IN METRES

MEAN, 0.783
MAXIMUM DAILY, 0.864E ON MAY 31
MINIMUM DAILY, 0.681 ON NOV 3

WATER LEVELS ARE REFERRED TO ASSUMED DATUM

TYPE OF GAUGE - RECORDING
LOCATION - LAT 54 39 53 N
LONG 102 04 58 W

A - MANUAL GAUGE

E - ESTIMATED

NATURAL FLOW

DRAINAGE AREA,
14 800 km²

ANGLIN LAKE RESERVOIR - STATION NO. 05GG005

DAILY WATER LEVEL IN METRES FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	515.327	515.373	515.398	515.458	515.499	515.399	515.219	515.210	515.333	515.308	515.239	515.289	1
2	515.329	515.376	515.398	515.460	515.497	515.391	515.221	515.228	515.331	515.309	515.241	515.289	2
3	515.330	515.374	515.401	515.464	515.494	515.388	515.221	515.250	515.338	515.287	515.245	515.290	3
4	515.329	515.378	515.400	515.465	515.493	515.386	515.210	515.250	515.331	515.288	515.247	515.291	4
5	515.328	515.380	515.400	515.461	515.492	515.380	515.226	515.258	515.328	515.287	515.248	515.292	5
6	515.328	515.380	515.402	515.464	515.490	515.383	515.217	515.258	515.324	515.284	515.250	515.292	6
7	515.333	515.383	515.405	515.465	515.485	515.384	515.214	515.259	515.330	515.285	515.254	515.294	7
8	515.335	515.384	515.406	515.467	515.481	515.384	515.215	515.257	515.321	515.288	515.258	515.293	8
9	515.335	515.383	515.409	515.468	515.485	515.348	515.223	515.257	515.320	515.289	515.260	515.298	9
10	515.337	515.383	515.416	515.471	515.478	515.360	515.216	515.258	515.323	515.280	515.262	515.297	10
11	515.338E	515.387	515.420	515.476	515.472	515.332	515.206	515.255	515.319	515.277	515.264	515.298	11
12	515.339E	515.387	515.421	515.483	515.473	515.320	515.213	515.255	515.309	515.275	515.266	515.297	12
13	515.339E	515.389	515.422	515.493	515.469	515.318	515.231	515.253	515.312	515.271	515.268	515.300	13
14	515.340E	515.388	515.424	515.500	515.458	515.321	515.240	515.251	515.303	515.267	515.268	515.301	14
15	515.341E	515.390	515.423	515.507	515.464	515.303	515.256	515.255	515.301	515.270	515.269	515.301	15
16	515.342E	515.390	515.422	515.515	515.457	515.292	515.249	515.256	515.318	515.268	515.270	515.301	16
17	515.342E	515.390	515.424	515.513	515.455	515.290	515.255	515.248	515.321	515.263	515.271	515.301	17
18	515.343E	515.392	515.424	515.518	515.456	515.281	515.253	515.245	515.306	515.260	515.274	515.303	18
19	515.344	515.394	515.427	515.517	515.455	515.270	515.262	515.248	515.305	515.255	515.276	515.303	19
20	515.347	515.396	515.430	515.514	515.450	515.266	515.252	515.250	515.303	515.256	515.276	515.305	20
21	515.348	515.396	515.430	515.513	515.446	515.262	515.249	515.284	515.297	515.255	515.277	515.308	21
22	515.350	515.397	515.428	515.512	515.442	515.260	515.252	515.302	515.298	515.261	515.279	515.309	22
23	515.353	515.396	515.430	515.512	515.439	515.257	515.241	515.309	515.300	515.248	515.281	515.310	23
24	515.358	515.398	515.432	515.514	515.429	515.257	515.240	515.323	515.301	515.247	515.281	515.311	24
25	515.358	515.398	515.435	515.512	515.424	515.258	515.237	515.325	515.294	515.244	515.284	515.310	25
26	515.360	515.398	515.438	515.506	515.418	515.260	515.233	515.343	515.310	515.248	515.285	515.311	26
27	515.362	515.398	515.447	515.506	515.410	515.251	515.230	515.336	515.298	515.252	515.285	515.311	27
28	515.363	515.398	515.462	515.507	515.411	515.243	515.226	515.332	515.305	515.246	515.286	515.311	28
29	515.367	515.398	515.460	515.500	515.412	515.238	515.228	515.332	515.301	515.248	515.287	515.312	29
30	515.371		515.460	515.498	515.421	515.223	515.217	515.332	515.304	515.244	515.288	515.313	30
31	515.374		515.459		515.402		515.211	515.328		515.240		515.312	31
MEAN	515.345	515.389	515.424	515.492	515.457	515.306	515.231	515.277	515.313	515.268	515.266	515.302	MEAN
MAX	515.374	515.398	515.462	515.518	515.499	515.399	515.262	515.343	515.338	515.309	515.288	515.313	MAX
MIN	515.326	515.373	515.398	515.458	515.402	515.223	515.206	515.210	515.294	515.240	515.239	515.289	MIN

SUMMARY FOR THE YEAR 1988

WATER LEVELS IN METRES

MEAN, 515.339
MAXIMUM DAILY, 515.518 ON APR 18
MINIMUM DAILY, 515.206 ON JUL 11
MAXIMUM INSTANTANEOUS,
515.520 AT 06:15 CST ON APR 18

TYPE OF GAUGE - RECORDING
LOCATION - LAT 53 39 50 N
LONG 106 00 30 W

E - ESTIMATED

REGULATED

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

ANTELOPE CREEK NEAR CABRI - STATION NO. 05HC005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0	0	0	0	0	0	0	0	---	---	1
2	---	---	0	0	0	0	0	0	0	0	---	---	2
3	---	---	0	0	0	0	0	0	0	0	---	---	3
4	---	---	0	0	0	0	0	0	0	0	---	---	4
5	---	---	0	0	0	0	0	0	0	0	---	---	5
6	---	---	0	0	0	0	0	0	0	0	---	---	6
7	---	---	0	0	0	0	0	0	0	0	---	---	7
8	---	---	0	0	0	0	0	0	0	0	---	---	8
9	---	---	0	0	0	0	0	0	0	0	---	---	9
10	---	---	0	0	0	0	0	0	0	0	---	---	10
11	---	---	0	0	0	0	0	0	0	0	---	---	11
12	---	---	0	0	0	0	0	0	0	0	---	---	12
13	---	---	0	0	0	0	0	0	0	0	---	---	13
14	---	---	0	0	0	0	0	0	0	0	---	---	14
15	---	---	0	0	0	0	0	0	0	0	---	---	15
16	---	---	0	0	0	0	0	0	0	0	---	---	16
17	---	---	0	0	0	0	0	0	0	0	---	---	17
18	---	---	0	0	0	0	0	0	0	0	---	---	18
19	---	---	0	0	0	0	0	0	0	0	---	---	19
20	---	---	0	0	0	0	0	0	0	0	---	---	20
21	---	---	0	0	0	0	0	0	0	0	---	---	21
22	---	---	0	0	0	0	0	0	0	0	---	---	22
23	---	---	0	0	0	0	0	0	0	0	---	---	23
24	---	---	0	0	0	0	0	0	0	0	---	---	24
25	---	---	0	0	0	0	0	0	0	0	---	---	25
26	---	---	0	0	0	0	0	0	0	0	---	---	26
27	---	---	0	0	0	0	0	0	0	0	---	---	27
28	---	---	0	0	0	0	0	0	0	0	---	---	28
29	---	---	0	0	0	0	0	0	0	0	---	---	29
30	---		0	0	0	0	0	0	0	0	---	---	30
31	---		0		0		0	0		0		---	31
TOTAL	---	---	0	0	0	0	0	0	0	0	---	---	TOTAL
MEAN	---	---	0	0	0	0	0	0	0	0	---	---	MEAN
MAX	---	---	0	0	0	0	0	0	0	0	---	---	MAX
MIN	---	---	0	0	0	0	0	0	0	0	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0
MAXIMUM DAILY, 0 ON MAR 1
MINIMUM DAILY, 0 ON MAR 1
MAXIMUM INSTANTANEOUS,
0 AT 00:00 CST ON MAR 1

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 39 41 N
LONG 108 22 50 W
DRAINAGE AREA, 244 km^2

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	0
FEB	---	AUG	0
MAR	0	SEP	0
APR	0	OCT	0
MAY	0	NOV	---
JUN	0	DEC	---

TOTAL DISCHARGE, 0 dam^3

ANTLER RIVER NEAR WAUCHOPE - STATION NO. 05NF010

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0B	0	0	0	0	0	0	0	---	---	1
2	---	---	0B	0	0	0	0	0	0	0	---	---	2
3	---	---	0B	0	0	0	0	0	0	0	---	---	3
4	---	---	0B	0	0	0	0	0	0	0	---	---	4
5	---	---	0B	0	0	0	0	0	0	0	---	---	5
6	---	---	0B	0	0	0	0	0	0	0	---	---	6
7	---	---	0B	0	0	0	0	0	0	0	---	---	7
8	---	---	0B	0	0	0	0	0	0	0	---	---	8
9	---	---	0B	0	0	0	0	0	0	0	---	---	9
10	---	---	0B	0	0	0	0	0	0	0	---	---	10
11	---	---	0B	0	0	0	0	0	0	0	---	---	11
12	---	---	0B	0	0	0	0	0	0	0	---	---	12
13	---	---	0B	0	0	0	0	0	0	0	---	---	13
14	---	---	0B	0	0	0	0	0	0	0	---	---	14
15	---	---	0B	0	0	0	0	0	0	0	---	---	15
16	---	---	0B	0	0	0	0	0	0	0	---	---	16
17	---	---	0B	0	0	0	0	0	0	0	---	---	17
18	---	---	0B	0	0	0	0	0	0	0	---	---	18
19	---	---	0B	0	0	0	0	0	0	0	---	---	19
20	---	---	0B	0	0	0	0	0	0	0	---	---	20
21	---	---	0B	0	0	0	0	0	0	0	---	---	21
22	---	---	0B	0	0	0	0	0	0	0	---	---	22
23	---	---	0B	0	0	0	0	0	0	0	---	---	23
24	---	---	0B	0	0	0	0	0	0	0	---	---	24
25	---	---	0B	0	0	0	0	0	0	0	---	---	25
26	---	---	0B	0	0	0	0	0	0	0	---	---	26
27	---	---	0B	0	0	0	0	0	0	0	---	---	27
28	---	---	0B	0	0	0	0	0	0	0	---	---	28
29	---	---	0B	0	0	0	0	0	0	0	---	---	29
30	---		0B	0	0	0	0	0	0	0	---	---	30
31	---		0B		0		0	0		0		---	31
TOTAL	---	---	0	0	0	0	0	0	0	0	---	---	TOTAL
MEAN	---	---	0	0	0	0	0	0	0	0	---	---	MEAN
MAX	---	---	0	0	0	0	0	0	0	0	---	---	MAX
MIN	---	---	0	0	0	0	0	0	0	0	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0
MAXIMUM DAILY, 0B ON MAR 1
MINIMUM DAILY, 0B ON MAR 1
MAXIMUM INSTANTANEOUS,
0B AT 00:00 CST ON MAR 1

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 35 03 N
LONG 101 50 52 W
DRAINAGE AREA, 350 km^2

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	0
FEB	---	AUG	0
MAR	0	SEP	0
APR	0	OCT	0
MAY	0	NOV	---
JUN	0	DEC	---

TOTAL DISCHARGE, 0 dam^3

ARCOLA INDEX RESERVOIR - STATION NO. 05NC006

DAILY WATER LEVEL IN METRES FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	29.586	29.622	29.571	29.555	29.317	29.071	28.863	28.719	---	---	1
2	---	---	29.580	29.625	29.610	29.551	29.310	29.074	28.854	28.714	---	---	2
3	---	---	29.576	29.626	29.631	29.543	29.302	29.077	28.845	28.707	---	---	3
4	---	---	29.573	29.636	29.631	29.531	29.295	29.070A	28.838	28.703	---	---	4
5	---	---	29.582	29.639	29.629	29.518	29.288	29.063	28.831	28.698	---	---	5
6	---	---	29.581	29.638	29.627	29.504	29.295	29.053	28.823	28.694	---	---	6
7	---	---	29.583	29.637	29.636	29.493	29.290	29.042	28.813	28.690	---	---	7
8	---	---	29.595	29.642	29.642	29.481	29.280	29.034	28.801	28.688	---	---	8
9	---	29.553A	29.600	29.639	29.640	29.475	29.270	29.025	28.791	28.684	---	---	9
10	---	29.552E	29.603	29.636	29.636	29.466	29.259	29.017	28.788	28.678	---	---	10
11	---	29.552E	29.604	29.633	29.634	29.453	29.250	29.007	28.787	28.674	---	---	11
12	---	29.552E	29.597	29.630	29.630	29.441	29.244	28.998	28.792	28.669	---	---	12
13	---	29.551E	29.594	29.626	29.624	29.431	29.242	28.991	28.788	28.664	---	---	13
14	---	29.551E	29.592	29.622	29.628	29.434	29.234	28.987	28.781	28.661	---	---	14
15	---	29.550E	29.590	29.618	29.644	29.433	29.226	28.981	28.778	28.657	---	---	15
16	---	29.550E	29.589	29.614	29.642	29.425	29.215	28.972	28.772	28.658	---	---	16
17	---	29.552E	29.588	29.610	29.636	29.418	29.205	28.964	28.768	28.655	---	---	17
18	---	29.555E	29.587	29.606	29.634	29.410	29.196	28.956	28.766	28.653	---	---	18
19	---	29.558E	29.591	29.602	29.633	29.400	29.193	28.950	28.767	28.649	---	---	19
20	---	29.560E	29.585	29.597	29.629	29.389	29.186	28.943	28.764	28.647	---	---	20
21	---	29.563E	29.590	29.592	29.625	29.381	29.177	28.946	28.761	28.642	---	---	21
22	---	29.563E	29.600	29.588	29.624	29.372	29.167	28.940	28.758	28.640	---	---	22
23	---	29.563E	29.604	29.584	29.618	29.359	29.164	28.935	28.751	28.633	---	---	23
24	---	29.564E	29.621	29.581	29.608	29.349	29.161	28.927	28.747	28.627	---	---	24
25	---	29.570E	29.626	29.576	29.602	29.337	29.132	28.917	28.742	28.622	---	---	25
26	---	29.575E	29.619	29.572	29.596	29.326	29.122	28.911	28.738	28.617	---	---	26
27	---	29.580E	29.618	29.567	29.593	29.312	29.112	28.903	28.731	28.614	---	---	27
28	---	29.582E	29.620	29.563	29.587	29.301	29.106	28.894	28.731	28.608	---	---	28
29	---	29.583A	29.620	29.558	29.579	29.290	29.098	28.888	28.728	28.602	---	---	29
30	---		29.620	29.556	29.569	29.315	29.087	28.879	28.724	28.598	---	---	30
31	---		29.621		29.561		29.073	28.870		28.595A		---	31
MEAN	---	---	29.599	29.606	29.618	29.423	29.209	28.977	28.781	28.657	---	---	MEAN
MAX	---	---	29.626	29.642	29.644	29.555	29.317	29.077	28.863	28.719	---	---	MAX
MIN	---	---	29.573	29.556	29.561	29.290	29.073	28.870	28.724	28.595	---	---	MIN

SUMMARY FOR THE YEAR 1988

WATER LEVELS IN METRES

MAXIMUM DAILY, 29.644 ON MAY 15

MAXIMUM INSTANTANEOUS,
29.646 AT 01:27 CST ON MAY 15

WATER LEVELS ARE REFERRED TO ASSUMED DATUM

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 42 08 N
LONG 102 34 08 W

A - MANUAL GAUGE

E - ESTIMATED

REGULATED

ARM RIVER NEAR BETHUNE - STATION NO. 05JH001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0 B	0.023	0.005	0.002	0	0	0	0	---	---	1
2	---	---	0.001 B	0.037	0.005	0.002	0	0	0	0	---	---	2
3	---	---	0.460 B	0.047	0.005	0.002	0	0	0	0	---	---	3
4	---	---	0.030 B	0.055	0.005	0.001	0	0	0	0	---	---	4
5	---	---	0.020 B	0.042	0.004	0.001	0	0	0	0	---	---	5
6	---	---	0.025 B	0.039	0.004	0	0	0	0	0	---	---	6
7	---	---	0.035 B	0.039	0.005	0	0	0	0	0	---	---	7
8	---	---	0.043 B	0.027	0.005	0	0	0	0	0	---	---	8
9	---	---	0.045 B	0.019	0.004	0	0	0	0	0	---	---	9
10	---	---	0.049 B	0.019	0.004	0	0	0	0	0	---	---	10
11	---	---	0.051 B	0.024	0.003	0	0	0	0	0	---	---	11
12	---	---	0.045 B	0.019	0.003	0	0	0	0	0	---	---	12
13	---	---	0.030 B	0.015	0.004	0	0	0	0	0	---	---	13
14	---	---	0.021 B	0.012	0.004	0	0	0	0	0	---	---	14
15	---	---	0.010 B	0.008	0.004	0	0	0	0	0	---	---	15
16	---	---	0.001 B	0.004	0.004	0	0	0	0	0	---	---	16
17	---	---	0.002 B	0.004	0.004	0	0	0	0	0	---	---	17
18	---	---	0.003 B	0.004	0.004	0	0	0	0	0	---	---	18
19	---	---	0.002 B	0.004	0.004	0	0	0	0	0	---	---	19
20	---	---	0.001 B	0.004	0.004	0	0	0	0	0	---	---	20
21	---	---	0.001 B	0.004	0.003	0	0	0	0	0	---	---	21
22	---	---	0 B	0.005	0.003	0	0	0	0	0	---	---	22
23	---	---	0.001 B	0.005	0.003	0	0	0	0	0	---	---	23
24	---	---	0.033 B	0.005	0.003	0	0	0	0	0	---	---	24
25	---	---	0.018 B	0.007	0.003	0	0	0	0	0	---	---	25
26	---	---	0.041 B	0.007	0.003	0	0	0	0	0	---	---	26
27	---	---	0.052 B	0.005	0.003	0	0	0	0	0	---	---	27
28	---	---	0.028 B	0.004	0.003	0	0	0	0	0	---	---	28
29	---	---	0.029 B	0.004	0.003	0	0	0	0	0	---	---	29
30	---		0.028 B	0.004	0.002	0	0	0	0	0	---	---	30
31	---		0.022 B		0.002		0	0		0		---	31
TOTAL	---	---	1.130	0.485	0.115	0.008	0	0	0	0	---	---	TOTAL
MEAN	---	---	0.036	0.017	0.004	0	0	0	0	0	---	---	MEAN
MAX	---	---	0.460	0.055	0.005	0.002	0	0	0	0	---	---	MAX
MIN	---	---	0	0.004	0.002	0	0	0	0	0	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.007
MAXIMUM DAILY, 0.460B ON MAR 3
MINIMUM DAILY, 0B ON MAR 1
MAXIMUM INSTANTANEOUS,
0.914B AT 11:00 CST ON MAR 3

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 44 12 N
LONG 105 11 28 W
DRAINAGE AREA, 1 910 km²

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	0
FEB	---	AUG	0
MAR	97.6	SEP	0
APR	42.6	OCT	0
MAY	9.94	NOV	---
JUN	0.69	DEC	---

TOTAL DISCHARGE, 151 dam³

ASSINIBOINE RIVER AT KAMSACK - STATION NO. 05MD004

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.92B	1.94B	1.41 B	1.34B	28.8	9.71 A	0.666	0.102	0.083	0.011	0.123B	0.263B	1
2	2.09B	1.93B	1.47 B	5.06B	34.7	9.07	0.644	0.127	0.081	0.016	0.105B	0.265B	2
3	2.05B	1.63B	1.61 B	18.6 B	43.1	8.42	0.597	0.119	0.055	0.016	0.095B	0.279B	3
4	2.00B	1.64B	1.76 B	28.5 B	48.5	7.97	0.551	0.080	0.051	0.020	0.082B	0.280B	4
5	2.07B	1.57B	2.00 B	37.9 B	50.8	7.66	0.520	0.074	0.047	0.016	0.095B	0.272B	5
6	2.08B	1.56B	2.15 B	42.2 B	47.6	7.27	0.506	0.071	0.038	0.009	0.103B	0.233B	6
7	1.98B	1.54B	1.81 B	46.9 B	42.6	6.43	0.443	0.067	0.027	0.007	0.120B	0.224B	7
8	1.81B	1.55B	1.01 B	48.9 B	38.3	5.94	0.416	0.078	0.017	0.005	0.140B	0.221B	8
9	1.80B	1.53B	0.956B	52.1 B	35.8	5.64	0.412	0.088	0.013	0.005	0.155B	0.219B	9
10	2.06B	1.43B	1.27 B	54.3 B	34.4	4.99	0.377	0.088	0.008	0.005	0.168B	0.249B	10
11	2.00B	1.38B	1.07 B	57.5	32.8	5.09	0.355	0.075	0.008	0.005	0.183B	0.247B	11
12	1.95B	1.48B	0.922B	66.6	31.5	4.54	0.387	0.084	0.022	0.009	0.202B	0.262B	12
13	1.99B	1.51B	0.813B	81.6	30.1	4.11	0.380	0.070	0.025	0.010	0.214B	0.263B	13
14	2.21B	1.84B	0.751B	87.2	28.7	3.84	0.372	0.071	0.030	0.013	0.226B	0.256B	14
15	2.37B	1.89B	0.573B	75.4	27.2	3.72	0.366	0.080	0.031	0.017	0.229B	0.244B	15
16	2.54B	1.75B	0.499B	72.7	25.5	3.50	0.352	0.094	0.030	0.020	0.214B	0.242B	16
17	2.61B	1.78B	0.524B	66.7	24.4	3.22	0.331	0.086	0.028	0.026	0.214B	0.246B	17
18	2.50B	1.84B	0.513B	61.3	23.5	3.04	0.320	0.087	0.027	0.026	0.223B	0.246B	18
19	2.48B	1.83B	0.577B	56.6	21.9	2.53	0.304	0.086	0.030	0.023	0.226B	0.241B	19
20	2.64B	1.86B	0.489B	52.2	20.4	1.82	0.286	0.056	0.031	0.018	0.232B	0.241B	20
21	2.66B	1.85B	0.547B	48.2	19.3	1.38	0.288	0.100	0.035	0.025	0.241B	0.237B	21
22	2.80B	1.83B	0.526B	44.4	18.2	1.14	0.271	0.113	0.023	0.086	0.253B	0.222B	22
23	2.89B	1.87B	0.689B	40.9	17.2	1.01	0.237	0.106	0.020	0.085	0.256B	0.217B	23
24	2.66B	1.79B	3.39 B	38.3	16.5	0.919	0.209	0.066	0.021	0.095	0.262B	0.216B	24
25	2.69B	1.87B	6.64 B	35.9	15.2	0.850	0.174	0.043	0.021	0.106B	0.266B	0.216B	25
26	2.46B	1.69B	5.62 B	33.2	14.0	0.822	0.136	0.034	0.013	0.110B	0.271B	0.205B	26
27	2.37B	1.56B	5.61 B	30.9	13.2	0.781	0.134	0.030	0.012	0.126B	0.280B	0.205B	27
28	2.31B	1.32B	4.38 B	28.7	12.7	0.709	0.127	0.028	0.018	0.143B	0.280B	0.176B	28
29	2.08B	1.34B	2.97 B	26.8	12.1	0.685	0.122	0.043	0.017	0.148B	0.266B	0.120B	29
30	1.90B		2.29 B	25.0	11.5	0.695	0.118	0.047	0.012	0.143B	0.281B	0.126B	30
31	1.87B		1.64 B		10.8		0.113	0.050		0.142B		0.198B	31
TOTAL	70.35	48.52	57.159	1 370.82	830.4	117.518	10.549	2.283	0.838	1.497	6.059	7.182	TOTAL
MEAN	2.27	1.67	1.84	45.7	26.8	3.92	0.340	0.074	0.028	0.048	0.202	0.232	MEAN
MAX	2.89	1.94	6.64	87.2	50.8	9.71	0.666	0.127	0.083	0.148	0.281	0.285	MAX
MIN	1.81	1.32	0.489	1.34	10.8	0.685	0.113	0.028	0.008	0.005	0.082	0.120	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 6.88
MAXIMUM DAILY, 87.2 ON APR 14
MINIMUM DAILY, 0.005 ON OCT 8
MAXIMUM INSTANTANEOUS,
89.1 AT 01:38 CST ON APR 14

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 51 33 53 N
LONG 101 54 58 W
DRAINAGE AREA, 12 800 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	6 080	JUL	911
FEB	4 190	AUG	197
MAR	4 940	SEP	72.2
APR	118 000	OCT	129
MAY	71 700	NOV	523
JUN	10 200	DEC	621

TOTAL DISCHARGE, 218 000 dam³

ASSINIBOINE RIVER AT STURGIS - STATION NO. 05MC001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1986

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.190B	0.232B	7.99	2.18	0.090	0.003E	0.001E	0.001E	0.006B	---	1
2	---	---	0.188B	0.288B	10.2	1.97	0.073	0.003E	0 E	0.001E	0.006B	---	2
3	---	---	0.185B	0.684B	12.8	1.82	0.052	0.010E	0 E	0.001E	---	---	3
4	---	---	0.183B	2.06 B	14.8	1.88	0.052	0.010E	0 E	0.001E	---	---	4
5	---	---	0.180B	7.05 B	15.8	1.50	0.044	0.008E	0 E	0.002E	---	---	5
6	---	---	0.176B	13.1 B	16.1	1.34	0.038	0.005E	0 E	0.002E	---	---	6
7	---	---	0.173B	19.6 B	16.1	1.17	0.029	0.002E	0 E	0.002E	---	---	7
8	---	---	0.170B	28.8 B	15.4	1.07	0.024A	0.001E	0 E	0.002E	---	---	8
9	---	---	0.165B	27.4 B	14.4	0.989	0.020E	0.001E	0 E	0.002E	---	---	9
10	---	---	0.160B	22.6 B	13.4	0.873	0.017E	0.001E	0 E	0.002E	---	---	10
11	---	---	0.150B	22.8 B	12.5	1.08	0.014E	0.001E	0 E	0.002E	---	---	11
12	---	---	0.130B	25.6	11.5	0.988	0.011E	0.001E	0 E	0.002E	---	---	12
13	---	---	0.132B	26.2	10.5	0.896	0.009E	0.001E	0 E	0.003E	---	---	13
14	---	---	0.129B	28.4	9.92	0.824	0.007E	0.001E	0 E	0.003E	---	---	14
15	---	---	0.125B	26.3	9.27	0.800	0.010E	0.001E	0 E	0.003E	---	---	15
16	---	---	0.123B	24.9	8.84	0.753	0.009E	0.001E	0 E	0.003E	---	---	16
17	---	---	0.126B	22.6	7.98	0.716	0.006E	0.002E	0 E	0.003E	---	---	17
18	---	---	0.137B	20.7	7.24	0.719	0.007E	0.003E	0 E	0.003E	---	---	18
19	---	---	0.140B	18.5	6.55	0.694	0.006E	0.005E	0 E	0.004E	---	---	19
20	---	---	0.152B	16.6	6.27	0.686	0.005E	0.004E	0 E	0.004E	---	---	20
21	---	---	0.168B	14.6	5.81	0.654	0.004E	0.010E	0 E	0.004E	---	---	21
22	---	---	0.189B	13.1	5.17	0.552	0.004E	0.010E	0 E	0.004E	---	---	22
23	---	0.152B	0.268B	11.7	4.66	0.551	0.003E	0.008E	0 E	0.004E	---	---	23
24	---	0.155B	0.413B	10.6	4.18	0.283	0.003E	0.005A	0 E	0.005E	---	---	24
25	---	0.160B	0.494B	9.88	4.10	0.190	0.002E	0.006E	0 E	0.005B	---	---	25
26	---	0.170B	0.308B	8.91	3.70	0.136	0.002A	0.004E	0 E	0.005B	---	---	26
27	---	0.175B	0.334B	8.13	3.42	0.132	0.002E	0.004E	0 E	0.005B	---	---	27
28	---	0.180B	0.337B	7.49	3.26	0.135	0.002E	0.003E	0 A	0.005B	---	---	28
29	---	0.188B	0.281B	6.92	3.09	0.127	0.002E	0.003E	0.001E	0.006B	---	---	29
30	---		0.300B	6.55	2.78	0.107	0.002E	0.002E	0.001E	0.006B	---	---	30
31	---		0.301B		2.49		0.002E	0.001E		0.006B		---	31
TOTAL	---	---	6.507	452.822	270.06	26.827	0.561	0.119	0.003	0.101	---	---	TOTAL
MEAN	---	---	0.210	15.1	8.71	0.861	0.018	0.004	0	0.003	---	---	MEAN
MAX	---	---	0.494	28.8	16.1	2.18	0.090	0.010	0.001	0.006	---	---	MAX
MIN	---	---	0.123	0.232	2.49	0.107	0.002	0.001	0	0.001	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 3.08
MAXIMUM DAILY, 28.8B ON APR 8
MINIMUM DAILY, 0E ON SEP 2
MAXIMUM INSTANTANEOUS,
32.8B AT 17:11 CST ON APR 8

TYPE OF GAUGE - RECORDING
LOCATION - LAT 51 56 23 N
LONG 102 32 49 W
DRAINAGE AREA, 1 930 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	48.5
FEB	---	AUG	10.3
MAR	562	SEP	0.26
APR	39 100	OCT	8.73
MAY	23 300	NOV	---
JUN	2 230	DEC	---

TOTAL DISCHARGE, 65 300 dam³

AVONLEA CREEK NEAR ROULEAU - STATION NO. 05JE006

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1986

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0B	0 B	0	0	0	0	0	0	---	---	1
2	---	---	0B	0	0	0	0	0	0	0	---	---	2
3	---	---	0B	0	0	0	0	0	0	0	---	---	3
4	---	---	0B	0	0	0	0.018	0	0	0	---	---	4
5	---	---	0B	0	0	0	0.022	0	0	0	---	---	5
6	---	---	0B	0	0	0	0.010	0	0	0	---	---	6
7	---	---	0B	0	0.009	0.040	0	0	0	0	---	---	7
8	---	---	0B	0	0.015	0.072	0	0	0	0	---	---	8
9	---	---	0B	0	0.002	0.062	0	0	0	0	---	---	9
10	---	---	0B	0.001	0.001	0.058	0	0	0	0	---	---	10
11	---	---	0B	0.008	0.011	0.052	0	0	0	0	---	---	11
12	---	---	0B	0.011	0.007	0.026	0	0	0	0	---	---	12
13	---	---	0B	0.013	0.006	0.008	0	0	0	0	---	---	13
14	---	---	0B	0.006	0.005	0.011	0	0	0	0	---	---	14
15	---	---	0B	0.016	0.001	0.010	0	0	0	0	---	---	15
16	---	---	0B	0.004	0	0.002	0	0	0	0	---	---	16
17	---	---	0B	0	0	0	0	0	0	0	---	---	17
18	---	---	0B	0	0	0	0	0	0	0	---	---	18
19	---	---	0B	0	0	0	0	0	0	0	---	---	19
20	---	---	0B	0	0	0	0	0	0	0	---	---	20
21	---	---	0B	0	0	0	0	0	0	0	---	---	21
22	---	---	0B	0	0	0	0.006	0.005	0	0	---	---	22
23	---	---	0B	0	0	0	0.065	0	0	0	---	---	23
24	---	---	0B	0	0	0	0.052	0	0	0	---	---	24
25	---	---	0B	0	0	0	0.084	0	0	0	---	---	25
26	---	---	0B	0	0	0	0.017	0	0	0	---	---	26
27	---	---	0B	0	0	0	0.002	0	0	0	---	---	27
28	---	---	0B	0	0	0	0	0	0	0	---	---	28
29	---	---	0B	0	0	0	0	0	0	0	---	---	29
30	---		0B	0	0	0	0	0	0	0	---	---	30
31	---		0B		0		0	0		0		---	31
TOTAL	---	---	0	0.059	0.054	0.350	0.246	0.005	0	0	---	---	TOTAL
MEAN	---	---	0	0.002	0.002	0.012	0.008	0	0	0	---	---	MEAN
MAX	---	---	0	0.016	0.015	0.072	0.084	0.005	0	0	---	---	MAX
MIN	---	---	0	0	0	0	0	0	0	0	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.003
MAXIMUM DAILY, 0.072 ON JUN 8
MINIMUM DAILY, 0B ON MAR 1
MAXIMUM INSTANTANEOUS,
0.094 AT 11:46 CST ON JUN 8

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 02 50 N
LONG 104 59 27 W
DRAINAGE AREA, 865 km²

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	21.3
FEB	---	AUG	0.43
MAR	0	SEP	0
APR	5.10	OCT	0
MAY	4.67	NOV	---
JUN	30.2	DEC	---

TOTAL DISCHARGE, 61.7 dam³

AVONLEA INDEX RESERVOIR - STATION NO. 05JE010

DAILY WATER LEVEL IN METRES FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	---	---	---	---	---	---	DRY	---	1
2	---	---	---	---	---	---	---	---	---	---	---	---	2
3	---	---	---	---	---	---	---	---	---	---	---	---	3
4	---	---	---	---	---	---	---	---	---	---	---	---	4
5	---	---	---	---	---	---	---	---	---	---	---	---	5
6	---	---	---	---	---	---	---	---	---	---	---	---	6
7	---	---	---	---	---	---	---	---	---	---	---	---	7
8	---	---	877.246	---	---	---	---	DRY	---	---	---	---	8
9	---	---	---	---	---	---	---	---	---	---	---	---	9
10	---	---	---	---	---	---	---	---	---	---	---	---	10
11	---	---	---	---	---	---	---	---	---	---	---	---	11
12	---	---	---	---	---	---	---	---	---	---	---	---	12
13	---	---	---	---	---	---	---	---	---	---	---	---	13
14	---	---	---	877.184	---	---	---	---	---	---	---	---	14
15	---	---	---	---	---	---	---	DRY	---	---	---	---	15
16	---	---	---	---	---	---	---	---	---	---	---	---	16
17	---	---	---	---	---	---	---	---	---	---	---	---	17
18	---	---	---	---	---	---	---	---	---	---	---	---	18
19	---	---	---	---	877.066	---	---	---	---	---	---	---	19
20	---	---	---	---	---	---	---	---	---	---	---	---	20
21	---	---	---	---	---	---	---	---	---	---	---	---	21
22	---	---	---	---	---	876.686	---	---	DRY	---	---	---	22
23	---	---	---	---	---	---	---	---	---	---	---	---	23
24	---	---	---	---	---	---	---	---	---	---	---	---	24
25	---	---	---	---	---	---	---	---	---	---	---	---	25
26	---	877.134	---	---	---	---	---	---	---	---	---	---	26
27	---	---	---	---	---	---	---	---	---	---	---	---	27
28	---	---	---	---	---	---	---	---	---	---	---	---	28
29	---	877.170E	---	---	---	---	---	---	---	---	---	---	29
30	---		---	877.126E	---	876.420E	---	---	DRY	---	---	---	30
31	---		877.230E		876.970E		876.086E	DRY		DRY		---	31
MEAN	---	---	---	---	---	---	---	---	---	---	---	---	MEAN
MAX	---	---	---	---	---	---	---	---	---	---	---	---	MAX
MIN	---	---	---	---	---	---	---	---	---	---	---	---	MIN

SUMMARY FOR THE YEAR 1988

WATER LEVELS IN METRES

MINIMUM DAILY, DRY ON AUG 15

TYPE OF GAUGE - MANUAL
LOCATION - LAT 49 55 50 N
LONG 105 06 30 W

E - ESTIMATED

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

DRAINAGE AREA, 0.57 km²

REMARKS - THE BENCHMARK WAS TIED TO GSC DATUM IN 1986

AVONLEA RESERVOIR NEAR AVONLEA - STATION NO. 05JE007

DAILY WATER LEVEL IN METRES FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	586.268E	586.265	586.194	586.099	585.844E	585.612E	585.430	585.284	585.208A	---	1
2	---	---	586.270E	586.264	586.186	586.094	585.843E	585.608E	585.438	585.282	---	---	2
3	---	---	586.272E	586.265	586.186	586.092	585.842E	585.600E	585.435	585.277	---	---	3
4	---	---	586.274E	586.278	586.185	586.061	585.840E	585.590E	585.433	585.276	---	---	4
5	---	---	586.275E	586.274	586.185	586.062	585.830E	585.578E	585.431	585.272	---	---	5
6	---	---	586.275E	586.281	586.177	586.038	585.820E	585.565E	585.426	585.276	---	---	6
7	---	---	586.274E	586.279	586.183	586.023	585.814E	585.555E	585.402	585.277	---	---	7
8	---	---	586.274A	586.284	586.212	585.989	585.808E	585.545E	585.380	585.272	---	---	8
9	---	---	586.269	586.258	586.212	585.976	585.800E	585.540E	585.386	585.264	---	---	9
10	---	---	586.264	586.267	586.213	585.963	585.798E	585.530E	585.378	585.264	---	---	10
11	---	---	586.263	586.258	586.224	585.940	585.785E	585.520E	585.376	585.265	---	---	11
12	---	---	586.266	586.258	586.215	585.930	585.770E	585.515E	585.378	585.262	---	---	12
13	---	---	586.268	586.254	586.214	585.924	585.760E	585.510E	585.378	585.262	---	---	13
14	---	---	586.271	586.250	586.185	585.933	585.745E	585.500E	585.381	585.260	---	---	14
15	---	---	586.275	586.248	586.185	585.942	585.735E	585.503A	585.377	585.247	---	---	15
16	---	---	586.275	586.236	586.205	585.941	585.730E	585.478	585.370	585.243	---	---	16
17	---	---	586.277	586.229	586.206	585.933	585.720E	585.487	585.343	585.238	---	---	17
18	---	---	586.281	586.228	586.201	585.921	585.710E	585.470A	585.328	585.237	---	---	18
19	---	---	586.282	586.226	586.196	585.913	585.705E	585.468E	585.324	585.238	---	---	19
20	---	---	586.281	586.222	586.191	585.908	585.695E	585.472E	585.320	585.231	---	---	20
21	---	---	586.268	586.221	586.178	585.897	585.680E	585.482E	585.318	585.234	---	---	21
22	---	---	586.280	586.217	586.176	585.910A	585.665E	585.469E	585.302	585.203	---	---	22
23	---	---	586.283	586.215	586.173	585.890E	585.655E	585.493E	585.307	585.213	---	---	23
24	---	---	586.280	586.201	586.168	585.885E	585.648E	585.469E	585.302	585.218	---	---	24
25	---	---	586.283	586.202	586.160	585.880E	585.645E	585.480E	585.302	585.218	---	---	25
26	---	586.259A	586.281	586.203	586.141	585.875E	585.640E	585.468E	585.286	585.207	---	---	26
27	---	586.262E	586.280	586.208	586.132	585.868E	585.635E	585.466E	585.283	585.192	---	---	27
28	---	586.264E	586.276	586.209	586.135	585.860E	585.630E	585.460E	585.285	585.195	---	---	28
29	---	586.266E	586.276	586.206	586.137	585.852E	585.625E	585.459E	585.288	585.198	---	---	29
30	---		586.277	586.194	586.128	585.846E	585.620E	585.457E	585.281	585.203	---	---	30
31	---		586.282		586.105		585.615E	585.452A		585.205		---	31
MEAN	---	---	586.277	586.242	586.161	585.949	585.730	585.511	585.356	585.242	---	---	MEAN
MAX	---	---	586.283	586.285	586.224	586.099	585.844	585.612	585.438	585.284	---	---	MAX
MIN	---	---	586.263	586.194	586.105	585.846	585.615	585.452	585.281	585.192	---	---	MIN

SUMMARY FOR THE YEAR 1988

WATER LEVELS IN METRES

MAXIMUM DAILY, 586.283 ON MAR 23

MAXIMUM INSTANTANEOUS,
586.301 AT 19:00 CST ON MAR 26

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 58 10 N
LONG 105 00 23 W

A - MANUAL GAUGE

E - ESTIMATED

REGULATED

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

DRAINAGE AREA, 906 km²

BALLANTYNE RIVER ABOVE BALLANTYNE BAY - STATION NO. 05KF001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.40 B	0.988B	0.990B	1.89B	35.9	12.7	2.98	3.98	7.80	4.67	2.67B	1.63 B	1
2	1.40 B	0.979B	1.00 B	1.99B	35.7	11.6	2.76	3.68	7.12	4.45	2.71B	1.63 B	2
3	1.40 B	0.972B	1.01 B	2.08B	34.6	11.0	2.59	3.72	6.50	4.27	2.75B	1.74 B	3
4	1.39 B	0.965B	1.02 B	2.15B	33.9	10.0	2.62	4.31	5.86	4.05	2.69B	1.77 B	4
5	1.39 B	0.957B	1.03 B	2.22B	33.3	9.20	2.87	4.20	5.37	3.97	2.59B	1.75 B	5
6	1.39 B	0.953B	1.05 B	2.34B	33.0	8.36	2.88	3.86	4.94	3.95	2.52B	1.66 B	6
7	1.38 B	0.949B	1.06 B	2.42B	33.1	7.58	3.02	5.47	4.83	3.87	2.57B	1.54 B	7
8	1.36 B	0.945B	1.07 B	2.53B	32.4	7.08	3.00	10.8	4.85	3.78	2.64B	1.43 B	8
9	1.34 B	0.941B	1.09 B	2.66B	31.2	6.51	2.85	11.1	6.01	3.70	2.68B	1.33 B	9
10	1.32 B	0.937B	1.10 B	2.79B	30.0	6.12	2.78	9.76	7.83	3.66	2.55B	1.49 B	10
11	1.31 B	0.934B	1.12 B	2.90B	29.0A	5.68	2.56	8.96	7.83	3.60	2.29B	1.36 B	11
12	1.30 B	0.932B	1.14 B	3.03B	28.5E	5.25	2.37	8.07	7.59	3.49	2.38B	1.13 B	12
13	1.28 B	0.930B	1.16 B	3.23B	28.0E	5.02	2.64	7.13	7.15	3.44	2.41B	1.76 B	13
14	1.27 B	0.928B	1.18 B	3.43B	27.5E	4.72	5.38	6.26	6.55	3.44	2.34B	1.27 B	14
15	1.25 B	0.926B	1.20 B	3.60B	27.0E	4.45	8.91	5.59	5.98	3.51	2.28B	0.902B	15
16	1.24 B	0.925B	1.22 B	3.78B	26.5E	4.19	14.5	5.13	5.57	3.47	2.25B	1.19 B	16
17	1.22 B	0.924B	1.24 B	3.95B	25.3E	3.97	16.2	4.63	5.43	3.42	2.18B	1.15 B	17
18	1.20 B	0.924B	1.26 B	4.15B	22.9E	3.76	16.1	4.26	5.33	3.36	2.13B	1.21 B	18
19	1.18 B	0.924B	1.28 B	4.35B	21.3E	3.58	16.2	4.01	5.24	3.33	2.09B	1.39 B	19
20	1.16 B	0.924B	1.31 B	4.65B	19.8E	3.44	16.5	3.73	4.98	3.37	1.99B	1.44 B	20
21	1.15 B	0.929B	1.35 B	5.00B	18.4E	3.21	14.7	4.19	4.82	3.39	1.94B	1.23 B	21
22	1.13 B	0.934B	1.39 B	5.60B	16.6E	2.98	12.5	5.79	4.89	3.49	1.88B	1.14 B	22
23	1.11 B	0.940B	1.43 B	6.10B	14.9	3.01	10.3	7.40	5.10	3.49	1.84B	1.09 B	23
24	1.10 B	0.946B	1.46 B	7.00B	13.9	3.50	8.53	8.03	5.01	3.12	1.61B	1.08 B	24
25	1.08 B	0.953B	1.49 B	8.00B	14.6	4.20	7.68	7.37	4.80	3.07	1.79B	1.08 B	25
26	1.06 B	0.959B	1.54 B	9.90B	15.3	4.05	6.67	7.81	4.67	3.06	1.77B	1.11 B	26
27	1.04 B	0.965B	1.59 B	12.0 B	15.2	3.66	5.96	12.1	4.57	2.93	1.78B	1.01 B	27
28	1.02 B	0.973B	1.64 B	16.5 B	15.1	3.41	5.65	13.2	4.61	3.04	1.80B	0.787B	28
29	1.01 B	0.980B	1.69 B	22.9 B	14.6	3.23	4.97	11.9	4.75	2.80	1.67B	0.650B	29
30	1.00 B		1.74 B	33.6	13.6	3.04	4.41	10.2	4.81	2.73	1.58B	0.619B	30
31	0.993B		1.80 B		13.3		4.15	8.88		2.72B		0.560B	31
TOTAL	37.873	27.434	39.850	186.71	755.0	168.66	213.39	215.22	170.39	108.64	66.49	39.038	TOTAL
MEAN	1.22	0.946	1.28	6.22	24.4	5.62	6.88	6.94	5.68	3.50	2.22	1.26	MEAN
MAX	1.40	0.988	1.80	33.6	35.9	12.7	16.5	13.2	7.83	4.67	2.75	1.77	MAX
MIN	0.993	0.924	0.990	1.89	13.3	2.98	2.37	3.68	4.57	2.72	1.58	0.560	MIN

SUMMARY FOR THE YEAR 1988

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 5.54
MAXIMUM DAILY, 35.9 ON MAY 1
MINIMUM DAILY, 0.560B ON DEC 31
MAXIMUM INSTANTANEOUS,
36.4 AT 14 58 CST ON MAY 1

TYPE OF GAUGE - RECORDING
LOCATION - LAT 54 33 40 N
LONG 103 56 30 W
DRAINAGE AREA, 1 870 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	3 270	JUL	18 400
FEB	2 370	AUG	18 600
MAR	3 410	SEP	14 700
APR	16 100	OCT	9 390
MAY	65 200	NOV	5 740
JUN	14 600	DEC	3 370

TOTAL DISCHARGE, 175 000 dam³

BATTLE CREEK AT ALBERTA BOUNDARY - STATION NO. 11AB117

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.247B	0.588B	0.324	0.111	0.031	0.045	0.058	0.081	0.088A	---	1
2	---	---	0.216B	1.02 B	0.346	0.080	0.029	0.036	0.061	0.089	---	---	2
3	---	---	0.206B	3.84 B	0.351	0.066	0.063	0.026	0.064	0.102	---	---	3
4	---	---	0.212B	1.64 B	0.340	0.055	0.079	0.025	0.070	0.099	---	---	4
5	---	---	0.224B	1.02 B	0.350	0.052	0.064	0.023	0.063	0.102	---	---	5
6	---	---	0.222B	0.869B	0.488	0.072	0.072	0.026	0.075	0.089	---	---	6
7	---	---	0.204B	1.13 B	0.433	0.080	0.051	0.020	0.071	0.082	---	---	7
8	---	---	0.210B	0.779B	0.402	0.061	0.049	0.024	0.076	0.100	---	---	8
9	---	---	0.244B	0.603	0.384	0.029	0.054	0.049	0.079	0.105	---	---	9
10	---	---	0.246B	0.557	0.379	0.038	0.067	0.050	0.075	0.084	---	---	10
11	---	---	0.203B	0.517	0.392	0.051	0.028	0.045	0.123	0.084	---	---	11
12	---	---	0.226B	0.527	0.398	0.033	0.033	0.036	0.102	0.103	---	---	12
13	---	---	0.210B	0.544	0.407	0.020	0.045	0.030	0.083	0.098	---	---	13
14	---	---	0.212B	0.497	0.407	0.024	0.033	0.036	0.102	0.109	---	---	14
15	---	---	0.204B	0.465	0.371	0.038	0.023	0.038	0.115	0.113	---	---	15
16	---	---	0.200B	0.421	0.417	0.038	0.025	0.280	0.103	0.113	---	---	16
17	---	---	0.196B	0.392	0.440	0.066	0.030	0.215	0.119	0.088	---	---	17
18	---	---	0.209B	0.348	0.446	0.029	0.060	0.098	0.148	0.082	---	---	18
19	---	---	0.246B	0.337	0.437	0.032	0.057	0.052	0.124	0.078	---	---	19
20	---	---	0.317B	0.382	0.453	0.026	0.065	0.047	0.111	0.074	---	---	20
21	---	---	0.405B	0.350	0.445	0.048	0.050	0.042	0.094	0.075	---	---	21
22	---	---	0.340B	0.361	0.405	0.049	0.068	0.088	0.126	0.080	---	---	22
23	---	0.206B	0.322B	0.334	0.349	0.039	0.036	0.049	0.117	0.087	---	---	23
24	---	0.215B	0.368B	0.310	0.321	0.071	0.038	0.033	0.122	0.080	---	---	24
25	---	0.232B	0.365B	0.292	0.329	0.049	0.034	0.036	0.115	0.087	---	---	25
26	---	0.256B	0.377B	0.263	0.256	0.034	0.037	0.052	0.109	0.085	---	---	26
27	---	0.294B	0.741B	0.262	0.210	0.069	0.040	0.048	0.087	0.063	---	---	27
28	---	0.274B	0.516B	0.294	0.171	0.045	0.041	0.080	0.070	0.075	---	---	28
29	---	0.271B	0.603B	0.324	0.136	0.071	0.051	0.069	0.083	0.079	---	---	29
30	---		0.829B	0.328	0.123	0.080	0.043	0.076	0.118	0.082	---	---	30
31	---		0.656B		0.113		0.031	0.070		0.086		---	31
TOTAL	---	---	9.985	19.914	10.805	1.552	1.384	1.826	2.901	2.846	---	---	TOTAL
MEAN	---	---	0.322	0.664	0.349	0.052	0.045	0.059	0.097	0.092	---	---	MEAN
MAX	---	---	0.829	3.84	0.488	0.111	0.079	0.280	0.148	0.113	---	---	MAX
MIN	---	---	0.196	0.262	0.113	0.020	0.023	0.020	0.058	0.074	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.309
MAXIMUM DAILY, 3.84B ON APR 3
MINIMUM DAILY, 0.020 ON JUN 13

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 38 55 N
LONG 110 00 15 W
DRAINAGE AREA, 111 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	120
FEB	---	AUG	158
MAR	864	SEP	251
APR	1 720	OCT	246
MAY	934	NOV	---
JUN	134	DEC	---

TOTAL DISCHARGE, 4 430 dam³

BATTLE CREEK AT INTERNATIONAL BOUNDARY - STATION NO. 11AB027

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.197B	1.20 B	0.088	0.798	0.013	0	0	0	---	---	1
2	---	---	0.232B	1.49 B	0.084	0.787	0.008	0	0	0	---	---	2
3	---	---	0.287B	1.30 B	0.049	0.849	0.006	0	0	0	---	---	3
4	---	---	0.278B	1.52	0.038	0.448	0.007	0	0	0	---	---	4
5	---	---	0.328B	1.08	0.029	0.252	0.008	0	0	0	---	---	5
6	---	---	0.368B	0.854	0.022	0.200	0.013	0	0	0	---	---	6
7	---	---	0.378B	0.854	0.021	0.178	0.011	0	0	0	---	---	7
8	---	---	0.414B	2.88	0.017	0.197	0.008	0	0	0	---	---	8
9	---	---	0.471B	1.02	0.015	0.217	0.008	0	0	0	---	---	9
10	---	---	0.508B	1.13	0.130	0.220	0.019	0	0	0	---	---	10
11	---	---	0.533B	1.10	0.229	0.242	0.053	0	0	0	---	---	11
12	---	---	0.514B	1.02	0.228	0.183	0.104	0	0	0	---	---	12
13	---	---	0.483B	0.827	0.812	0.229	0.088	0	0	0	---	---	13
14	---	---	0.483B	0.328	0.288	0.322	0.049	0	0	0	---	---	14
15	---	---	0.488B	0.200	0.149	0.327	0.033	0	0	0	---	---	15
16	---	---	0.528B	0.181	0.080	0.327	0.020	0	0	0	---	---	16
17	---	---	0.552B	0.313	0.085	0.313	0.014	0	0	0	---	---	17
18	---	---	0.608B	0.280	0.054	0.217	0.010	0	0	0	---	---	18
19	---	---	0.649B	0.438	0.034	0.146	0.007	0	0	0	---	---	19
20	---	---	0.724B	0.414	0.024	0.118	0.005	0	0	0	---	---	20
21	---	---	0.846B	0.283	0.018	0.120	0.003	0	0	0	---	---	21
22	---	---	0.834B	0.270	0.071	0.108	0.002	0	0	0	---	---	22
23	---	---	0.989B	0.284	0.122	0.088	0.001	0	0	0	---	---	23
24	---	---	1.10 B	0.270	0.238	0.077	0.001	0	0	0	---	---	24
25	---	---	1.08 B	0.229	0.248	0.053	0	0	0	0	---	---	25
26	---	---	1.18 B	0.170	0.183	0.044	0	0	0	0	---	---	26
27	---	---	0.718B	0.148	0.501	0.029	0	0	0	0	---	---	27
28	---	---	0.477B	0.183	0.872	0.023	0	0	0	0	---	---	28
29	---	---	0.382B	0.173	1.52	0.022	0	0	0	0	---	---	29
30	---		0.732B	0.133	0.888	0.018	0	0	0	0	---	---	30
31	---		1.34 B		0.732		0	0		0		---	31
TOTAL	---	---	18.760	20.155	7.580	6.935	0.488	0	0	0	---	---	TOTAL
MEAN	---	---	0.605	0.672	0.244	0.231	0.015	0	0	0	---	---	MEAN
MAX	---	---	1.34	2.88	1.52	0.798	0.104	0	0	0	---	---	MAX
MIN	---	---	0.197	0.133	0.015	0.018	0	0	0	0	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.220
MAXIMUM DAILY, 2.88 ON APR 8
MINIMUM DAILY, 0 ON JUL 25
MAXIMUM INSTANTANEOUS,
3.42 AT 04:00 CST ON APR 8

SUMMARY FOR THE MONTHS MAR TO OCT

INTERNATIONAL GAUGING STATION
TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 00 07 N
LONG 109 25 18 W
DRAINAGE AREA, 2 580 km²

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	40.4
FEB	---	AUG	0
MAR	1 620	SEP	0
APR	1 740	OCT	0
MAY	652	NOV	---
JUN	599	DEC	---

TOTAL DISCHARGE, 4 650 dam³

BATTLE CREEK BELOW NASHLYN PROJECT - STATION NO. 11AB101

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	1.29 B	0.080E	0.882	0.036	0	0	0.142	0.182	---	1
2	---	---	---	0.807B	0.048E	0.733	0.085	0	0	0.152	0.204A	---	2
3	---	---	---	1.28 B	0.034A	0.478	0.076	0	0	0.107	---	---	3
4	---	---	---	0.986B	0.033	0.324	0.082	0	0	0.078	---	---	4
5	---	---	---	0.853B	0.034	0.288	0.093	0	0	0.080	---	---	5
6	---	---	---	1.15	0.037	0.275	0.119	0A	0	0.081	---	---	6
7	---	---	---	2.88	0.048	0.270	0.138	0	0	0.138	---	---	7
8	---	---	---	1.12	0.387	0.288	0.181	0	0	0.143	---	---	8
9	---	---	---	1.10	0.368	0.460	0.285	0	0	0.141	---	---	9
10	---	---	---	1.04	0.331	0.283	0.189	0	0	0.173	---	---	10
11	---	---	---	0.821	0.883	0.249	0.138	0	0	0.158	---	---	11
12	---	---	---	0.488	0.773	0.278	0.118	0	0	0.138	---	---	12
13	---	---	---	0.190	0.218	0.383	0.084	0	0	0.109	---	---	13
14	---	---	---	0.112	0.148	0.401	0.084	0	0	0.074	---	---	14
15	---	---	---	0.261	0.080	0.488	0.078	0	0	0.068	---	---	15
16	---	---	---	0.280	0.038	0.380	0.062	0	0	0.048	---	---	16
17	---	---	---	0.329	0.038	0.282	0.079	0	0	0.029	---	---	17
18	---	---	---	0.383	0.083	0.238	0.108	0	0	0.058	---	---	18
19	---	---	---	0.276	0.128	0.224	0.078	0	0	0.085	---	---	19
20	---	---	---	0.259	0.358	0.208	0.048	0	0	0.101	---	---	20
21	---	---	---	0.278	0.189	0.184	0.033	0	0	0.101	---	---	21
22	---	---	---	0.278	0.383	0.177	0.020	0	0	0.078	---	---	22
23	---	---	---	0.242	0.398	0.183	0.017	0	0	0.085	---	---	23
24	---	---	---	0.181	0.218	0.138	0.003	0	0	0.132	---	---	24
25	---	---	---	0.134	0.622	0.102	0	0	0	0.148	---	---	25
26	---	---	---	0.228	0.541	0.078	0	0	0	0.168	---	---	26
27	---	---	---	0.188	0.850	0.084	0	0	0	0.181	---	---	27
28	---	---	---	0.122A	1.41	0.061	0	0	0	0.158	---	---	28
29	---	---	---	0.088E	0.833	0.049	0	0	0	0.140	---	---	29
30	---		---	0.077E	0.853	0.061	0	0	0.007A	0.153	---	---	30
31	---		1.178		0.898		0	0		0.152		---	31
TOTAL	---	---	---	17.868	11.139	8.414	2.198	0	0.007	3.602	---	---	TOTAL
MEAN	---	---	---	0.589	0.359	0.280	0.071	0	0	0.116	---	---	MEAN
MAX	---	---	---	2.88	1.41	0.882	0.285	0	0.007	0.188	---	---	MAX
MIN	---	---	---	0.077	0.033	0.049	0	0	0	0.029	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.201
MAXIMUM DAILY, 2.88 ON APR 7
MINIMUM DAILY, 0 ON JUL 25
MAXIMUM INSTANTANEOUS,
3.50 AT 08:15 CST ON APR 7

SUMMARY FOR THE MONTHS APR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 08 52 N
LONG 109 27 52 W
DRAINAGE AREA, 2 210 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	190
FEB	---	AUG	0
MAR	---	SEP	0.60
APR	1 530	OCT	311
MAY	962	NOV	---
JUN	727	DEC	---

TOTAL DISCHARGE, 3 720 dam³

BATTLE CREEK BELOW WILSON'S WEIR - STATION NO. 11AB118

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.644B	1.02 B	0.405	0.139	0.106	0.012	0.028	0.132	0.240A	---	1
2	---	---	0.602B	0.892B	0.384	0.106	0.107	0.014	0.020	0.117	---	---	2
3	---	---	0.523B	0.913B	0.387	0.032	0.083	0.013	0.018	0.106	---	---	3
4	---	---	0.446B	0.825B	0.342	0.014	0.112	0.010	0.016	0.118	---	---	4
5	---	---	0.535B	3.15 B	0.224	0.011	0.187	0.007	0.015	0.152	---	---	5
6	---	---	0.534B	1.66	0.136	0.025	0.176	0.005	0.014	0.141	---	---	6
7	---	---	0.483B	2.19	0.122	0.230	0.159	0.006	0.012	0.121	---	---	7
8	---	---	0.323B	2.31	0.146	0.377	0.157	0.006	0.011	0.125	---	---	8
9	---	---	0.331B	1.69	0.123	0.357	0.155	0.005	0.010	0.122	---	---	9
10	---	---	0.336B	1.11	0.101	0.363	0.164	0.004	0.009	0.138	---	---	10
11	---	---	0.392B	0.861	0.089	0.311	0.187	0.003	0.010	0.141	---	---	11
12	---	---	0.357B	0.814	0.385	0.202	0.184	0.003	0.009	0.153	---	---	12
13	---	---	0.550B	0.756	0.408	0.283	0.151	0.002	0.010	0.166	---	---	13
14	---	---	0.399B	0.625	0.293	0.379	0.163	0.001	0.012	0.162	---	---	14
15	---	---	0.128B	0.629	0.216	0.354	0.150	0	0.012	0.142	---	---	15
16	---	---	0.188B	0.750	0.264	0.302	0.151	0.001	0.087	0.143	---	---	16
17	---	---	0.120B	0.719	0.290	0.283	0.148	0	0.083	0.154	---	---	17
18	---	---	0.111B	0.671	0.233	0.186	0.122	0	0.083	0.158	---	---	18
19	---	---	0.129B	0.589	0.284	0.089	0.168	0	0.085	0.161	---	---	19
20	---	---	0.173B	0.437	0.379	0.036	0.131	0	0.088	0.183	---	---	20
21	---	---	0.113B	0.285	0.372	0.081	0.117	0.003	0.085	0.265	---	---	21
22	---	---	0.211B	0.329	0.362	0.113	0.087	0.015	0.127	0.204	---	---	22
23	---	---	0.312B	0.281	0.289	0.145	0.054	0.088	0.134	0.200	---	---	23
24	---	---	0.719B	0.229	0.167	0.145	0.048	0.051	0.118	0.185	---	---	24
25	---	0.237B	1.51 B	0.266	0.169	0.109	0.041	0.036	0.133	0.220	---	---	25
26	---	0.397B	1.51 B	0.275	0.179	0.101	0.031	0.080	0.143	0.229	---	---	26
27	---	0.395B	1.62 B	0.267	0.172	0.084	0.025	0.075	0.138	0.235	---	---	27
28	---	0.308B	1.62 B	0.280	0.143	0.083	0.017	0.065	0.137	0.189	---	---	28
29	---	0.395B	1.27 B	0.251	0.145	0.113	0.012	0.078	0.127	0.208A	---	---	29
30	---		1.01 B	0.313	0.154	0.124	0.010	0.058	0.133	0.226E	---	---	30
31	---		1.41 B		0.142		0.010	0.038		0.245A		---	31
TOTAL	---	---	19.074	25.697	7.597	5.192	3.373	0.674	1.958	5.289	---	---	TOTAL
MEAN	---	---	0.615	0.857	0.245	0.172	0.109	0.022	0.065	0.170	---	---	MEAN
MAX	---	---	1.62	3.15	0.408	0.379	0.176	0.080	0.143	0.265	---	---	MAX
MIN	---	---	0.111	0.229	0.089	0.011	0.010	0	0.009	0.106	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.281
MAXIMUM DAILY, 3.159 ON APR 5
MINIMUM DAILY, 0 ON AUG 15
MAXIMUM INSTANTANEOUS,
4.408 AT 05:45 CST ON APR 5

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 27 01 N
LONG 109 38 39 W
DRAINAGE AREA, 681 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	291
FEB	---	AUG	58.2
MAR	1 650	SEP	169
APR	2 220	OCT	455
MAY	656	NOV	---
JUN	449	DEC	---

TOTAL DISCHARGE, 5 950 dam³

BATTLE CREEK NEAR CONSUL - STATION NO. 11AB098

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	1.40 B	0.377	0.680	0.089	0.004	0	0.152	0.238	---	1
2	---	---	---	1.35 B	0.438	0.341	0.091	0.003	0	0.169	0.253A	---	2
3	---	---	---	1.40 B	0.455	0.265	0.093	0.003	0	0.172	---	---	3
4	---	---	---	1.50 B	0.450	0.251	0.108	0.002	0	0.180	---	---	4
5	---	---	---	1.65 B	0.435	0.224	0.146	0.001	0	0.196	---	---	5
6	---	---	---	2.70 B	0.450	0.212	0.235	0	0	0.205	---	---	6
7	---	---	---	2.30	0.410	0.437	0.300	0	0	0.204	---	---	7
8	---	---	---	2.01	0.281	0.254	0.153	0	0	0.214	---	---	8
9	---	---	---	2.02	0.255	0.255	0.158	0	0	0.205	---	---	9
10	---	---	---	1.72	0.768	0.271	0.148	0	0	0.197	---	---	10
11	---	---	---	1.37	0.923	0.344	0.141	0	0	0.134	---	---	11
12	---	---	---	1.04	0.263	0.297	0.131	0	0	0.119	---	---	12
13	---	---	---	1.01	0.241	0.417	0.123	0	0	0.112	---	---	13
14	---	---	---	0.951	0.198	0.410	0.113	0	0	0.119	---	---	14
15	---	---	---	0.889	0.454	0.282	0.105	0	0	0.127	---	---	15
16	---	---	---	0.776	0.623	0.251	0.085	0	0	0.140	---	---	16
17	---	---	---	0.840	0.611	0.251	0.084	0	0.014A	0.157	---	---	17
18	---	---	---	0.830	0.520	0.234	0.075	0	0.082	0.148	---	---	18
19	---	---	---	0.785	0.663	0.210	0.073	0	0.102	0.135	---	---	19
20	---	---	---	0.705	0.755	0.189	0.053	0	0.176	0.142	---	---	20
21	---	---	---	0.635	0.678	0.180	0.042	0	0.179	0.147	---	---	21
22	---	---	---	0.560	0.698	0.123	0.034	0	0.180	0.158	---	---	22
23	---	---	---	0.510	0.574	0.101	0.026	0	0.160	0.169	---	---	23
24	---	---	---	0.489	0.699	0.082	0.021	0	0.143	0.185	---	---	24
25	---	---	---	0.450	0.623	0.083	0.017	0	0.164	0.176	---	---	25
26	---	---	---	0.432	1.30	0.081	0.014	0	0.190	0.187	---	---	26
27	---	---	---	0.458	1.73	0.099	0.012	0	0.205	0.177	---	---	27
28	---	---	---	0.444	0.973	0.107	0.011	0	0.198	0.180	---	---	28
29	---	---	---	0.485	0.922	0.125	0.008	0	0.211	0.184	---	---	29
30	---		---	0.389	0.980	0.109	0.008	0	0.190	0.190	---	---	30
31	---		1.50B		0.943		0.008	0		0.208		---	31
TOTAL	---	---	---	31.978	19.449	7.153	2.752	0.013	2.181	5.124	---	---	TOTAL
MEAN	---	---	---	1.07	0.627	0.238	0.089	0	0.073	0.165	---	---	MEAN
MAX	---	---	---	2.70	1.73	0.680	0.300	0.004	0.211	0.214	---	---	MAX
MIN	---	---	---	0.389	0.198	0.081	0.008	0	0	0.112	---	---	MIN

SUMMARY FOR THE MONTHS APR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.321
MAXIMUM DAILY, 2.708 ON APR 6
MINIMUM DAILY, 0 ON AUG 6
MAXIMUM INSTANTANEOUS,
4.13 AT 01:00 CST ON APR 7

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 17 12 N
LONG 109 31 22 W
DRAINAGE AREA, 1 850 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	238
FEB	---	AUG	1.12
MAR	---	SEP	188
APR	2 760	OCT	443
MAY	1 680	NOV	---
JUN	618	DEC	---

TOTAL DISCHARGE, 5 930 dam³

BATTLE RIVER AT BATTLEFORD - STATION NO. 05FF001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.435B	2.58B	7.18	2.91	2.36	1.33	2.33	1.72	---	---	1
2	---	---	0.420B	2.66B	6.87	2.77	2.46	2.02	2.07	1.85	---	---	2
3	---	---	0.457B	3.42B	6.54	3.44	3.34	2.42	1.99	1.80	---	---	3
4	---	---	0.500B	7.13B	6.18	3.10	4.20	2.09	1.82	1.56	---	---	4
5	---	---	0.487B	7.09B	6.04	2.82	3.65	1.72	1.74	1.88	---	---	5
6	---	---	0.487B	6.70B	6.00	2.63	3.66	1.56	2.12	1.83	---	---	6
7	---	---	0.450B	5.66B	5.75	2.32	3.21	1.66	2.35	1.85	---	---	7
8	---	---	0.417B	5.94B	5.88	2.38	6.39	1.57	2.31	1.84	---	---	8
9	---	---	0.382B	5.56B	6.01	2.32	12.4	1.49	2.13	1.83	---	---	9
10	---	---	0.548B	9.04B	5.71	2.05	9.62	1.51	2.06	1.81	---	---	10
11	---	---	0.543B	14.8 B	5.52	2.13	6.22	1.56	1.87	1.58	---	---	11
12	---	---	0.661B	11.5 B	5.32	2.23	6.62	1.50	1.83	1.61	---	---	12
13	---	---	0.883B	10.0 B	5.08	2.10	5.99	1.37	1.72	1.68	---	---	13
14	---	---	0.701B	10.2	4.83	2.26	5.40	1.44	1.63	1.74	---	---	14
15	---	---	0.989B	12.0	4.66	2.30	4.65	1.46	1.55	1.78	---	---	15
16	---	---	1.70 B	12.5	4.57	2.31	4.36	1.36	1.48	1.82	---	---	16
17	---	---	1.67 B	15.5	4.38	2.20	3.93	1.43	1.47	2.04	---	---	17
18	---	---	1.67 B	16.6	4.18	1.97	3.76	1.46	1.44	1.97	---	---	18
19	---	---	1.67 B	16.3	3.93	1.82	3.50	2.72	1.40	1.87	---	---	19
20	---	---	1.66 B	15.1	3.82	1.73	3.30	2.48	1.42	1.92	---	---	20
21	---	---	2.72 B	13.9	3.88	1.82	3.13	5.74	1.41	1.89	---	---	21
22	---	---	2.76 B	12.7	3.49	1.57	2.92	6.39	1.37	1.91	---	---	22
23	---	---	2.96 B	11.6	3.37	1.51	2.66	4.45	1.34	1.98	---	---	23
24	---	---	2.90 B	10.6	3.23	1.52	2.60	3.88	1.30	1.95	---	---	24
25	---	---	2.82 B	10.0	3.01	1.74	2.26	3.24	1.41	1.94	---	---	25
26	---	---	2.93 B	9.41	2.85	2.16	2.17	2.83	1.60	1.89A	---	---	26
27	---	---	2.90 B	8.99	2.82	2.07	1.94	2.91	1.66	1.90E	---	---	27
28	---	---	2.76 B	8.47	2.73	1.88	1.88	3.72	1.78	1.88E	---	---	28
29	---	---	2.65 B	8.02	2.68	2.42	1.53	3.47	1.81	1.87E	---	---	29
30	---		2.61 B	7.81	2.84	2.73	1.48	3.00	1.73	1.86E	---	---	30
31	---		2.62 B		2.83		1.37	2.86		1.83E		---	31
TOTAL	---	---	47.386	294.97	141.88	67.02	127.06	76.35	52.27	55.94	---	---	TOTAL
MEAN	---	---	1.53	9.83	4.58	2.23	4.10	2.46	1.74	1.80	---	---	MEAN
MAX	---	---	2.96	16.6	7.18	3.44	12.4	6.39	2.35	2.04	---	---	MAX
MIN	---	---	0.382	2.58	2.68	1.51	1.37	1.33	1.30	1.56	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 3.52
MAXIMUM DAILY, 16.6 ON APR 18
MINIMUM DAILY, 0.382B ON MAR 9
MAXIMUM INSTANTANEOUS,
18.3 AT 17:49 CST ON APR 11

TYPE OF GAUGE - RECORDING
LOCATION - LAT 52 44 07 N
LONG 108 20 08 W
DRAINAGE AREA, 30 000 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	11 000
FEB	---	AUG	6 600
MAR	4 100	SEP	4 520
APR	25 500	OCT	4 830
MAY	12 300	NOV	---
JUN	5 790	DEC	---

TOTAL DISCHARGE, 74 600 dam³

BEAR CREEK NEAR PIAPOT - STATION NO. 05HA003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	0.147B	0.363B	0.466	0.202	0.045	0.007	0	0	0	0.006	---	1
2	---	0.127B	0.337B	0.530	0.172	0.044	0.008	0	0	0	0.005	---	2
3	---	0.120B	0.404B	0.588	0.167	0.039	0.006	0	0	0	0.004A	---	3
4	---	0.110B	0.362B	0.565	0.180	0.033	0.004	0	0	0	---	---	4
5	---	0.103B	0.365B	0.572	0.179	0.028	0.004	0	0	0	---	---	5
6	---	0.113B	0.526B	0.533	0.180	0.025	0.004	0	0	0	---	---	6
7	---	0.110B	0.515B	0.539	0.166	0.018	0.006	0	0	0	---	---	7
8	---	0.097B	0.307B	0.540	0.166	0.014	0.005	0	0	0	---	---	8
9	---	0.093B	0.518B	0.463	0.161	0.015	0.004	0	0	0	---	---	9
10	---	0.112B	0.558B	0.369	0.160	0.016	0.005	0	0	0	---	---	10
11	---	0.110B	0.418B	0.364	0.150	0.016	0.004	0	0	0	---	---	11
12	---	0.116B	0.319B	0.322	0.147	0.013	0.003	0	0	0	---	---	12
13	---	0.142B	0.221B	0.322	0.136	0.016	0.002	0	0	0	---	---	13
14	---	0.139B	0.265B	0.301	0.135	0.033	0.001	0	0	0	---	---	14
15	---	0.163B	0.257B	0.282	0.126	0.029	0.001	0	0	0	---	---	15
16	---	0.260B	0.253B	0.267	0.116	0.032	0	0	0	0	---	---	16
17	---	0.234B	0.227B	0.239	0.111	0.022	0	0	0	0	---	---	17
18	---	0.227B	0.264B	0.221	0.101	0.014	0	0	0	0	---	---	18
19	---	0.224B	0.333B	0.204	0.093	0.011	0	0	0	0	---	---	19
20	---	0.329B	0.526B	0.191	0.092	0.010	0	0	0	0	---	---	20
21	---	0.346B	0.967B	0.187	0.089	0.008	0	0	0	0	---	---	21
22	---	0.261B	1.64 B	0.186	0.082	0.006	0	0	0	0	---	---	22
23	---	0.285B	1.24 B	0.175	0.086	0.008	0	0	0	0	---	---	23
24	---	0.310B	0.958	0.167	0.072	0.005	0	0	0	0	---	---	24
25	---	0.304B	0.708	0.188	0.072	0.005	0	0	0	0	---	---	25
26	---	0.301B	0.890	0.170	0.076	0.004	0	0	0	0	---	---	26
27	---	0.566B	0.664	0.183	0.067	0.003	0	0	0	0.001	---	---	27
28	---	0.647B	0.356B	0.183	0.065	0.002	0	0	0	0.001	---	---	28
29	---	0.668B	0.306B	0.206	0.058	0.003	0	0	0	0.001	---	---	29
30	---		0.425B	0.216	0.053	0.003	0	0	0	0.002	---	---	30
31	---		0.364B		0.050		0	0		0.006		---	31
TOTAL	---	6.818	15.626	9.784	3.661	0.520	0.064	0	0	0.011	---	---	TOTAL
MEAN	---	0.235	0.504	0.326	0.118	0.017	0.002	0	0	0	---	---	MEAN
MAX	---	0.668	1.64	0.588	0.202	0.045	0.008	0	0	0.006	---	---	MAX
MIN	---	0.093	0.221	0.167	0.050	0.002	0	0	0	0	---	---	MIN

SUMMARY FOR THE MONTHS FEB TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.133
MAXIMUM DAILY, 1.64B ON MAR 22
MINIMUM DAILY, 0 ON JUL 16
MAXIMUM INSTANTANEOUS,
1.77B AT 16:25 CST ON MAR 22

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 53 55 N
LONG 109 06 20 W
DRAINAGE AREA, 253 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	5.53
FEB	589	AUG	0
MAR	1 350	SEP	0
APR	845	OCT	0.95
MAY	316	NOV	---
JUN	44.9	DEC	---

TOTAL DISCHARGE, 3 150 dam³

REMARKS - A SIGNIFICANT PORTION OF RUNOFF OCCURRED IN FEBRUARY, OUTSIDE THE STANDARD PERIOD

BEAVER CREEK AT INTERNATIONAL BOUNDARY - STATION NO. 11AF005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.043B	0.043	0.044	0.021	0.485	0.023	0.026	0.027	0.031	---	1
2	---	---	0.042B	0.047	0.044	0.020	0.185	0.025	0.022	0.028	0.032	---	2
3	---	---	0.041B	0.046	0.041	0.020	0.112	0.027	0.020	0.026	0.032	---	3
4	---	---	0.040B	0.048	0.039	0.020	0.084	0.024	0.022	0.029	0.032	---	4
5	---	---	0.039B	0.049	0.036	0.018	0.081	0.023	0.019	0.026	0.031	---	5
6	---	---	0.042B	0.047	0.038	0.017	0.128	0.021	0.019	0.028	0.031	---	6
7	---	---	0.048B	0.045	0.038	0.017	0.082	0.021	0.018	0.030	0.032	---	7
8	---	---	0.050B	0.047	0.036	0.017	0.050	0.021	0.018	0.026	0.032	---	8
9	---	---	0.052B	0.047	0.036	0.026	0.042	0.021	0.016	0.026	0.032	---	9
10	---	---	0.053B	0.044	0.034	0.022	0.038	0.020	0.018	0.029	0.032	---	10
11	---	---	0.052B	0.041	0.033	0.019	0.036	0.020	0.019	0.028	0.033	---	11
12	---	---	0.051B	0.039	0.033	0.019	0.034	0.020	0.018	0.028	0.032	---	12
13	---	---	0.050B	0.038	0.037	0.020	0.032	0.020	0.018	0.028	0.034	---	13
14	---	---	0.052B	0.038	0.035	0.024	0.031	0.021	0.016	0.028	0.033	---	14
15	---	---	0.054B	0.036	0.032	0.022	0.030	0.021	0.017	0.026	0.032B	---	15
16	---	---	0.058B	0.038	0.030	0.019	0.028	0.021	0.017	0.030	0.031B	---	16
17	---	---	0.058B	0.038	0.028	0.018	0.026	0.022	0.018	0.031	0.032B	---	17
18	---	---	0.060B	0.036	0.029	0.017	0.032	0.023	0.019	0.030	0.031B	---	18
19	---	---	0.052B	0.037	0.028	0.018	0.029	0.023	0.020	0.030	0.032B	---	19
20	---	---	0.064B	0.037	0.026	0.016	0.026	0.023	0.021	0.031	0.031B	---	20
21	---	---	0.061B	0.037	0.028	0.014	0.026	0.023	0.022	0.029	0.031B	---	21
22	---	---	0.058B	0.037	0.026	0.014	0.026	0.023	0.023	0.030	0.033B	---	22
23	---	---	0.042	0.037	0.025	0.014	0.026	0.023	0.024	0.028B	0.031B	---	23
24	---	---	0.050	0.034	0.025	0.013	0.025	0.022	0.025	0.030	0.031B	---	24
25	---	0.017B	0.040	0.039	0.024	0.012	0.024	0.023	0.026	0.029	0.033B	---	25
26	---	0.018B	0.040	0.036	0.024	0.012	0.023	0.023	0.026	0.030	0.031B	---	26
27	---	0.019B	0.043	0.036	0.025	0.013	0.024	0.023	0.027	0.030B	0.031B	---	27
28	---	0.020B	0.053	0.036	0.026	0.013	0.025	0.024	0.027	0.032	0.033B	---	28
29	---	0.021B	0.036	0.036	0.023	0.181	0.023	0.024	0.027	0.031	0.033B	---	29
30	---		0.036	0.039	0.022	5.88	0.023	0.024	0.026	0.030	0.032B	---	30
31	---		0.039		0.021		0.023	0.026		0.031		---	31
TOTAL	---	---	1.509	1.225	0.958	6.314	1.840	0.695	0.636	0.905	0.957	---	TOTAL
MEAN	---	---	0.049	0.041	0.031	0.210	0.059	0.023	0.021	0.029	0.032	---	MEAN
MAX	---	---	0.064	0.049	0.044	5.88	0.485	0.027	0.026	0.032	0.034	---	MAX
MIN	---	---	0.036	0.037	0.021	0.012	0.023	0.020	0.016	0.027	0.031	---	MIN

SUMMARY FOR THE MONTHS MAR TO NOV

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.055
MAXIMUM DAILY, 5.88 ON JUN 30
MINIMUM DAILY, 0.012 ON JUN 25
MAXIMUM INSTANTANEOUS,
14.9 AT 02:30 CST ON JUN 30

INTERNATIONAL GAUGING STATION
TYPE OF GAUGE - RECORDING
LOCATION - LAT 48 59 59 N
LONG 105 02 05 W
DRAINAGE AREA, 367 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	159
FEB	---	AUG	60.3
MAR	130	SEP	55.1
APR	106	OCT	78.2
MAY	83.5	NOV	82.7
JUN	546	DEC	---

TOTAL DISCHARGE, 1 300 dam³

BEAVER RIVER BELOW WATERHEN RIVER - STATION NO. 05AG001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	5.69B	5.86B	10.8B	13.8B	49.8	36.3	23.7	53.4	77.4	62.1	47.6B	32.5B	1
2	6.70B	5.79B	10.7B	14.7B	46.6	36.5	22.7	51.3	79.6	61.1	47.9	31.0B	2
3	7.36B	6.61B	10.7B	14.3B	47.7	35.4	22.0	49.2	81.7	60.1	48.1	29.4B	3
4	7.26B	6.96B	10.8B	14.3B	47.8	33.9	22.2	47.3	82.9	59.4	47.6	29.6B	4
5	7.21B	6.89B	10.8B	14.3B	46.5	33.5	23.5	46.3	83.9	59.0	47.6	31.0B	5
6	7.10B	7.01B	11.1B	15.3B	53.1	33.1	31.6	[illegible]	84.6	58.5	47.6B	31.0B	6
7	7.13B	6.88B	11.8B	15.7B	54.2	31.7	35.8	50.5	86.0	58.0	46.9B	29.3B	7
8	7.09B	7.04B	11.6B	16.2B	53.6	30.6	37.7	50.5	85.3	57.8	46.3B	26.0B	8
9	6.97B	7.13B	11.2B	17.6B	49.1	30.7	44.6	50.1	84.7	57.6	47.9B	24.3B	9
10	7.00B	7.10B	11.9B	21.2B	44.9	29.6	46.3	49.0	82.4	56.9	46.4B	24.5B	10
11	7.05B	7.01B	12.0B	26.2B	43.5	29.3	44.1	47.5	80.9	56.2	46.3B	28.6B	11
12	6.98B	6.95B	12.0B	31.7B	42.3	28.5	42.6	46.4	79.9	55.9	45.9B	30.3B	12
13	6.91B	7.02B	12.0B	37.6B	41.0	27.6	44.5	45.1	78.6	55.8	44.3B	29.0B	13
14	7.00B	7.11B	12.2B	41.8B	40.9	27.1	48.7	43.7	77.3	55.4	41.9B	26.4B	14
15	7.18B	7.04B	12.0B	46.3B	43.2	25.9	52.5	42.4	76.2	55.3	40.0B	23.8B	15
16	7.10B	7.10B	11.6B	53.2B	44.3	24.8	54.3	40.8	74.8	55.0	35.4B	23.8B	16
17	7.01B	7.09B	11.3B	54.7B	44.0	23.9	55.7	39.4	73.2	54.9	34.5B	24.9B	17
18	7.23B	7.35B	10.8B	56.9B	43.1	23.5	57.4	38.4	71.6	54.8	30.4B	25.6B	18
19	7.11B	7.55B	10.9B	55.7B	42.2	23.2	58.5	43.0	70.5	54.6	28.4B	25.6B	19
20	6.79B	7.78B	11.0B	49.3B	40.7	22.3	58.0	45.6	69.4	54.0	27.2B	24.7B	20
21	6.56B	8.51B	10.3B	47.8B	39.1	21.4	56.6	50.6	68.6	53.7	30.0B	23.8B	21
22	6.39B	8.84B	11.1B	47.1B	37.2	20.4	55.0	62.9	67.6	53.5	31.6B	23.5B	22
23	6.28B	9.44B	11.1B	46.2B	34.8	19.5	54.0	73.0	67.2	53.0	32.4B	23.7B	23
24	6.39B	9.19B	12.2B	46.1	33.7	20.0	53.1	78.7	66.1	52.9	32.3B	24.6B	24
25	6.37B	9.09B	12.1B	47.7	32.9	20.3	52.7	79.7	64.9	52.5	30.9B	24.6B	25
26	6.51B	9.21B	12.2B	47.8	32.7	19.7	53.3	80.2	64.0	52.7B	30.0B	23.8B	26
27	6.39B	9.29B	12.8B	48.3	31.4	19.0	54.3	77.6	63.3	52.6B	27.8B	22.3B	27
28	6.55B	9.39B	13.3B	46.8	30.6	18.1	55.5	74.1	63.2	51.2B	30.1B	21.4B	28
29	7.10B	9.93B	10.2B	46.8	29.0	19.2	55.6	71.6	62.8	50.6B	30.7B	19.6B	29
30	7.10B		11.5B	49.4	28.6	23.3	55.9	71.7	62.7	50.4B	31.1B	19.4B	30
31	6.87B		14.6B		32.4		56.2	74.4		49.6B		23.0B	31
TOTAL	212.40	224.40	358.4	1 095.7	1 286.1	786.4	1 429.0	1 718.9	2 231.9	1 714.1	1 184.2	787.6	TOTAL
MEAN	6.85	7.74	11.6	36.5	41.5	26.2	46.1	55.4	74.4	55.3	39.5	25.7	MEAN
MAX	7.36	9.93	14.6	56.9	54.2	36.5	58.5	80.2	86.0	62.1	48.1	32.5	MAX
MIN	5.69	5.86	10.2	13.8	28.6	18.1	22.0	38.4	62.7	49.6	27.2	19.4	MIN

SUMMARY FOR THE YEAR 1988

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 35.5
MAXIMUM DAILY, 86.0 ON SEP 7
MINIMUM DAILY, 5.69B ON JAN 1
MAXIMUM INSTANTANEOUS,
86.8 AT 22:22 CST ON SEP 7

TYPE OF GAUGE - RECORDING
LOCATION - LAT 54 49 08 N
LONG 107 44 38 W
DRAINAGE AREA, 45 000 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	18 400	JUL	123 000
FEB	19 400	AUG	148 000
MAR	31 000	SEP	193 000
APR	94 700	OCT	148 000
MAY	111 000	NOV	98 700
JUN	68 100	DEC	68 000

TOTAL DISCHARGE, 1 120 000 dam³

BEAVER RIVER NEAR DORINTOSH - STATION NO. 06AD001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.81B	1.54B	1.81B	4.22B	17.6	12.7	10.6	36.4	41.1	13.8	6.75B	4.22B	1
2	1.88B	1.52B	1.59B	3.92B	17.3	13.1	12.6	35.2	42.1	13.3	7.09B	4.07B	2
3	1.84B	1.38B	1.80B	3.96B	16.9	14.3	15.2	32.5	42.6	13.0	7.00B	3.93B	3
4	1.77B	1.37B	1.66B	5.13B	16.4	14.5	13.6	30.2	42.2	12.7	6.90B	3.92B	4
5	1.68B	1.44B	1.74B	7.48B	15.9	13.6	12.1	28.5	41.5	12.4	6.73B	3.99B	5
6	2.09B	1.85B	1.88B	9.30B	15.4	12.3	20.3	27.4	40.2	12.2	6.74B	4.02B	6
7	1.98B	1.63B	1.84B	11.6 B	14.6	11.7	33.6	26.5	38.5	11.8	6.84B	3.94B	7
8	1.80B	1.51B	1.61B	12.0 B	14.0	11.3	30.7	27.2	36.6	11.7	6.62B	3.87B	8
9	1.84B	1.48B	1.59B	14.5 B	13.5	11.3	26.6	25.6	34.9	11.3	6.66B	3.72B	9
10	1.76B	1.38B	1.76B	15.7 B	13.0	11.4	26.8	23.7	33.4	11.1	6.72B	3.63B	10
11	1.72B	1.39B	1.67B	18.0 B	12.6	12.0	28.6	22.1	31.8	10.9	6.53B	3.47B	11
12	1.66B	1.33B	1.53B	[illegible] B	12.4	11.7	33.3	20.9	30.2	[illegible]	6.63B	3.62B	12
13	1.62B	1.41B	1.52B	30.[illegible] B	12.1	11.2	38.3	20.0	28.5	[illegible]	6.71B	3.66B	13
14	1.71B	1.70B	1.53B	37.2 B	12.0	11.0	41.5	18.4	27.0	10.2	6.38B	3.63B	14
15	1.76B	1.66B	1.57B	37.4 B	12.4	11.1	44.1	16.4	25.6	9.86	6.03B	3.60B	15
16	1.83B	1.85B	1.84B	40.8 B	12.3	11.2	45.5	17.4	24.5	9.88	5.90B	3.63B	16
17	1.92B	1.63B	1.59B	31.6	12.6	11.3	48.0	16.9	24.0	9.57	5.60B	3.62B	17
18	1.74B	1.67B	1.63B	26.9	12.1	11.3	44.9	16.1	23.0	9.33	5.61B	3.64B	18
19	1.53B	1.77B	1.54B	23.2	12.1	11.1	43.1	18.0	21.6	9.21	5.65B	3.60B	19
20	1.45B	1.62B	1.66B	22.4	12.0	10.7	41.6	19.9	20.4	8.96	5.44B	3.60B	20
21	1.88B	1.60B	1.40B	21.8	11.8	10.6	41.4	20.9	18.4	8.92	5.61B	3.56B	21
22	1.63B	1.65B	1.51B	21.7	11.4	10.7	41.5	30.5	18.5	9.20	5.64B	3.50B	22
23	1.78B	1.63B	1.56B	21.6	11.6	10.5	42.6	39.3	17.6	8.88	5.61B	3.53B	23
24	1.73B	1.64B	1.57B	21.1	12.1	10.2	44.2	40.4	17.0	8.83	5.38B	3.49B	24
25	1.61B	1.53B	1.80B	20.8	12.3	10.0	46.4	38.4	16.4	8.50	5.10B	3.47B	25
26	1.80B	1.85B	2.10B	20.2	12.2	9.87	46.5	34.6	15.6	8.98	4.83B	3.46B	26
27	1.67B	1.84B	3.40B	19.4	13.1	9.24	48.4	32.5	15.2	7.99B	4.63B	3.39B	27
28	1.43B	1.80B	2.70B	19.1	12.0	8.84	46.6	33.1	14.8	8.03B	4.40B	3.28B	28
29	1.41B	1.66B	3.26B	18.3	11.5	9.08	47.1	36.1	14.6	8.01B	4.32B	3.28B	29
30	1.46B		4.18B	18.3	11.6	10.0	46.8	37.1	14.1	8.03B	4.32B	3.24B	30
31	1.50B		4.19B		12.6		41.6	35.3		8.04B		3.21B	31
TOTAL	53.30	47.20	59.48	582.37	408.7	337.41	1 106.4	886.8	814.3	310.12	176.18	112.84	TOTAL
MEAN	1.72	1.63	1.92	19.4	13.2	11.2	35.7	28.6	27.1	10.0	5.84	3.64	MEAN
MAX	2.09	1.85	4.19	40.8	17.6	14.5	48.4	40.4	42.6	13.8	7.09	4.22	MAX
MIN	1.41	1.33	1.48	3.92	11.4	8.84	10.6	16.1	14.1	8.84	4.32	3.21	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 13.3
MAXIMUM DAILY, 48.4 ON JUL 27
MINIMUM DAILY, 1.33B ON FEB 12
MAXIMUM INSTANTANEOUS,
48.5 AT 17:16 CST ON JUL 27

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 54 17 47 N
LONG 108 36 16 W
DRAINAGE AREA, 20 500 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	4 610	JUL	95 600
FEB	4 080	AUG	76 000
MAR	5 140	SEP	70 400
APR	50 300	OCT	26 800
MAY	35 300	NOV	15 400
JUN	29 200	DEC	9 750

TOTAL DISCHARGE, 422 000 dam³

BELANGER CREEK DIVERSION TO CYPRESS LAKE - STATION NO. 11AC064

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0 B	0.002B	0	0.126	0	0	0	0	---	---	1
2	---	---	0 B	0.120B	0	0.133	0	0	0	0	---	---	2
3	---	---	0 B	0.243B	0	0.128	0	0	0	0	---	---	3
4	---	---	0 B	0.576B	0	0.110	0	0	0	0	---	---	4
5	---	---	0 B	0.546B	0	0.095	0	0	0	0	---	---	5
6	---	---	0 B	0.326B	0	0.105	0	0	0	0	---	---	6
7	---	---	0 B	0.570B	0	0.112	0	0	0	0	---	---	7
8	---	---	0 B	0.387B	0.002	0.143	0	0	0	0	---	---	8
9	---	---	0 B	0.088B	0.021	0.153	0	0	0	0	---	---	9
10	---	---	0 B	0.032	0.020	0.118	0	0	0	0	---	---	10
11	---	---	0 B	0.134	0.095	0.089	0	0	0	0	---	---	11
12	---	---	0 B	0.246	0.153	0.098	0	0	0	0	---	---	12
13	---	---	0 B	0.262	0.203	0.242	0	0	0	0	---	---	13
14	---	---	0 B	0.088	0.186	0.245	0	0	0	0	---	---	14
15	---	---	0 B	0	0.150	0.084	0	0	0	0	---	---	15
16	---	---	0 B	0	0.181	0.009	0	0	0	0	---	---	16
17	---	---	0 B	0	0.081	0.001	0	0	0	0	---	---	17
18	---	---	0 B	0	0.005	0	0	0	0	0	---	---	18
19	---	---	0 B	0	0	0	0	0	0	0	---	---	19
20	---	0B	0 B	0	0	0	0	0	0	0	---	---	20
21	---	0B	0 B	0	0	0	0	0	0	0	---	---	21
22	---	0B	0 B	0	0	0	0	0	0	0	---	---	22
23	---	0B	0 B	0	0	0	0	0	0	0	---	---	23
24	---	0B	0.030B	0	0	0	0	0	0	0	---	---	24
25	---	0B	0.758B	0	0	0	0	0	0	0	---	---	25
26	---	0B	1.41 B	0	0	0	0	0	0	0	---	---	26
27	---	0B	0.786B	0	0	0	0	0	0	0	---	---	27
28	---	0B	0.003B	0	0	0	0	0	0	0	---	---	28
29	---	0B	0 B	0	0	0	0	0	0	0	---	---	29
30	---		0 B	0	0	0	0	0	0	0	---	---	30
31	---		0 B		0.045		0	0		0		---	31
TOTAL	---	---	2.988	3.561	1.259	2.063	0	0	0	0	---	---	TOTAL
MEAN	---	---	0.096	0.119	0.041	0.069	0	0	0	0	---	---	MEAN
MAX	---	---	1.41	0.576	0.203	0.242	0	0	0	0	---	---	MAX
MIN	---	---	0	0	0	0	0	0	0	0	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.040
MAXIMUM DAILY, 1.41B ON MAR 26
MINIMUM DAILY, 0B ON MAR 1

SUMMARY FOR THE MONTHS MAR TO OCT

INTERNATIONAL GAUGING STATION
TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 29 39 N
LONG 109 21 54 W

B - ICE CONDITIONS

REGULATED SINCE 1939

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	0
FEB	---	AUG	0
MAR	258	SEP	0
APR	308	OCT	0
MAY	109	NOV	---
JUN	177	DEC	---

TOTAL DISCHARGE, 853 dam³

BIG GULLY CREEK NEAR MAIDSTONE - STATION NO. 05EF005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0 B	0.052B	0.023	0.013	0.012	0.386	0.177	0.001	---	---	1
2	---	---	0 B	0.125B	0.020	0.010	0.008	0.376	0.142	0.002	---	---	2
3	---	---	0 B	0.143	0.018	0.006	0.008	0.378	0.107	0.002	---	---	3
4	---	---	0 B	0.147	0.017	0.007	0.008	0.348	0.081	0.002	---	---	4
5	---	---	0 B	0.176	0.014	0.007	0.012	0.311	0.057	0.003	---	---	5
6	---	---	0 B	0.373	0.013	0.008	0.845	0.308	0.030	0.003	---	---	6
7	---	---	0 B	0.668	0.020	0.008	0.331	0.351	0.015	0.005	---	---	7
8	---	---	0 B	0.710	0.024	0.008	0.281	0.361	0.010	0.007	---	---	8
9	---	---	0 B	0.806	0.024	0.010	0.349	0.348	0.008	0.008	---	---	9
10	---	---	0 B	0.776	0.024	0.008	0.363	0.342	0.006	0.008	---	---	10
11	---	---	0 B	0.552	0.025	0.015	0.351	0.328	0.008	0.009	---	---	11
12	---	---	0 B	0.470	0.027	0.016	0.253	0.253	0.007	0.008	---	---	12
13	---	---	0 B	0.290	0.024	0.014	0.169	0.210	0.008	0.008	---	---	13
14	---	---	0 B	0.180	0.022	0.015	0.115	0.198	0.008	0.008	---	---	14
15	---	---	0 B	0.137	0.025	0.011	0.084	0.203	0.006	0.009	---	---	15
16	---	---	0 B	0.106	0.022	0.010	0.075	0.206	0.008	0.008	---	---	16
17	---	---	0 B	0.089	0.015	0.010	0.080	0.183	0.007	0.010	---	---	17
18	---	---	0 B	0.079	0.017	0.009	0.150	0.214	0.006	0.008	---	---	18
19	---	---	0.001B	0.065	0.019	0.008	0.284	0.346	0.005	0.007	---	---	19
20	---	---	0.001B	0.054	0.017	0.008	0.325	0.293	0.003	0.007	---	---	20
21	---	---	0.001B	0.052	0.015	0.006	0.316	0.330	0.002	0.006	---	---	21
22	---	---	0.003B	0.051	0.013	0.003	0.346	0.482	0.001	0.007	---	---	22
23	---	---	0.015B	0.049	0.012	0.001	0.418	0.553	0.001	0.006	---	---	23
24	---	---	0.028B	0.048	0.011	0.002	0.428	0.514	0.001	0.007	---	---	24
25	---	---	0.026B	0.045	0.012	0.003	0.406	0.412	0.001	0.007A	---	---	25
26	---	---	0.018B	0.043	0.012	0.002	0.411	0.384	0.001	0.006B	---	---	26
27	---	---	0.023B	0.041	0.010	0.003	0.402	0.330	0.001	0.006B	---	---	27
28	---	---	0.019B	0.036	0.008	0.002	0.401	0.308	0.001	0.006B	---	---	28
29	---	---	0.011B	0.030	0.004	0.010	0.418	0.276	0.001	0.004B	---	---	29
30	---		0.012B	0.028	0.008	0.017	0.415	0.235	0.002	0.004B	---	---	30
31	---		0.011B		0.011		0.402	0.204		0.004B		---	31
TOTAL	---	---	0.169	6.633	0.526	0.256	8.472	9.957	0.713	0.188	---	---	TOTAL
MEAN	---	---	0.005	0.221	0.017	0.009	0.273	0.321	0.024	0.006	---	---	MEAN
MAX	---	---	0.028	0.806	0.027	0.016	0.845	0.553	0.177	0.010	---	---	MAX
MIN	---	---	0	0.028	0.004	0.001	0.008	0.183	0.001	0.001	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.110
MAXIMUM DAILY, 0.806 ON APR 9
MINIMUM DAILY, 0B ON MAR 1
MAXIMUM INSTANTANEOUS,
1.31 AT 06:31 CST ON JUL 6

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 53 14 39 N
LONG 109 17 46 W
DRAINAGE AREA, 1 520 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	732
FEB	---	AUG	860
MAR	14.6	SEP	61.6
APR	573	OCT	16.2
MAY	45.4	NOV	---
JUN	22.1	DEC	---

TOTAL DISCHARGE, 2 330 dam³

BIG QUILL LAKE NEAR KANDAHAR - STATION NO. 05MA010

DAILY WATER LEVEL IN METRES FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	---	514.685	---	---	---	---	---	---	1
2	---	---	---	---	---	514.670	---	---	---	---	---	---	2
3	---	---	---	---	---	514.680	---	514.466	---	---	---	---	3
4	---	---	---	---	---	514.625	---	514.536	---	---	---	---	4
5	---	---	---	---	---	514.630	---	514.386	---	---	---	---	5
6	---	---	---	---	---	---	---	514.386	514.340	---	---	---	6
7	---	---	---	---	---	514.630	---	514.476	514.464	---	---	---	7
8	---	---	---	---	---	514.655	---	---	---	514.281	---	---	8
9	---	---	---	---	---	514.640	---	---	---	---	---	---	9
10	---	---	---	---	---	---	---	514.386	---	---	---	---	10
11	---	---	---	---	---	514.640	---	514.424	514.330	---	---	---	11
12	---	---	---	---	---	514.668	---	514.454	514.280	---	---	---	12
13	---	---	---	---	514.730	---	---	514.404	514.320	514.271	---	---	13
14	---	---	---	---	---	514.669	---	514.424	514.320	514.281	---	---	14
15	---	---	---	---	---	---	---	514.444	---	514.281	---	---	15
16	---	---	---	---	514.751	514.679	---	514.464	---	---	---	---	16
17	---	---	---	---	---	514.654	---	514.413	---	514.281	---	---	17
18	---	---	---	---	---	514.613	---	514.383	---	514.271	---	---	18
19	---	---	---	---	514.751	514.659	---	514.383	514.300	---	---	---	19
20	---	---	---	---	---	---	---	514.423	514.280	---	---	---	20
21	---	---	---	---	---	---	---	514.443	---	514.226	---	---	21
22	---	---	---	---	514.720	---	---	514.403	514.180	514.371	---	---	22
23	---	---	---	---	514.640	514.469	---	514.352	514.300	514.401	---	---	23
24	---	---	---	---	514.640	514.559	---	514.422	---	514.281	---	---	24
25	---	---	---	---	514.670	514.609	---	514.432	---	514.306	---	---	25
26	---	---	---	---	514.680	514.589	---	---	---	514.281	---	---	26
27	---	---	---	---	---	514.509	514.399	---	514.240	---	---	---	27
28	---	---	---	---	514.680	514.499	---	---	514.280	---	---	---	28
29	---	---	---	---	---	---	---	514.381	514.230	514.381	---	---	29
30	---		---	---	514.660	---	---	514.441	514.280	---	---	---	30
31	---		---		514.690		---	514.431		---		---	31
MEAN	---	---	---	---	---	---	---	---	---	---	---	---	MEAN
MAX	---	---	---	---	---	---	---	---	---	---	---	---	MAX
MIN	---	---	---	---	---	---	---	---	---	---	---	---	MIN

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - MANUAL
LOCATION - LAT 51 46 54 N
LONG 104 18 10 W
DATA CONTRIBUTED BY -
SASKATCHEWAN WATER CORPORATION

NATURAL FLOW

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

BIG SANDY LAKE ON THE HANSON LAKE ROAD - STATION NO. 05KF004

DAILY WATER LEVEL IN METRES FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	---	---	---	---	---	---	---	---	1
2	---	---	---	---	---	---	---	---	---	---	303.351	---	2
3	---	---	---	---	---	---	---	303.378	---	---	---	---	3
4	---	---	---	---	---	---	---	---	---	---	---	---	4
5	---	---	---	---	---	---	---	---	---	---	---	---	5
6	---	---	---	---	---	---	---	---	---	---	---	---	6
7	---	---	---	---	---	---	---	---	---	---	---	---	7
8	---	---	---	---	---	---	---	---	---	---	---	---	8
9	---	---	---	---	---	---	---	---	---	---	---	---	9
10	---	---	---	---	---	---	---	---	---	---	---	---	10
11	---	---	---	---	---	---	---	---	---	---	---	---	11
12	---	---	---	---	---	---	---	---	---	---	---	---	12
13	---	---	---	---	---	---	---	---	---	---	---	---	13
14	---	---	---	---	---	---	---	---	---	---	---	---	14
15	---	---	---	---	---	---	---	---	---	---	---	---	15
16	---	---	---	---	---	---	---	---	---	---	---	---	16
17	---	---	---	---	---	---	---	---	---	---	---	---	17
18	---	---	---	---	---	---	---	---	---	---	---	---	18
19	---	---	---	---	---	---	---	---	---	---	---	---	19
20	---	---	---	---	---	---	---	---	---	---	---	---	20
21	---	---	---	---	---	---	---	---	---	---	---	---	21
22	---	---	---	---	---	---	---	---	---	---	---	---	22
23	---	---	---	---	---	---	---	---	---	---	---	---	23
24	---	---	---	---	---	---	---	---	---	---	---	---	24
25	---	---	---	---	303.536	---	---	---	---	---	---	---	25
26	---	---	---	---	---	---	---	---	---	---	---	---	26
27	---	---	---	---	---	---	---	---	---	---	---	---	27
28	---	---	---	---	---	---	---	---	---	---	---	---	28
29	---	---	---	---	---	---	---	---	---	---	---	---	29
30	---		---	---	---	---	---	---	---	---	---	---	30
31	---		---		---		---	---		---		---	31
MEAN	---	---	---	---	---	---	---	---	---	---	---	---	MEAN
MAX	---	---	---	---	---	---	---	---	---	---	---	---	MAX
MIN	---	---	---	---	---	---	---	---	---	---	---	---	MIN

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - MANUAL
LOCATION - LAT 54 27 30 N
LONG 104 10 36 W
DATA CONTRIBUTED BY -
SASKATCHEWAN WATER CORPORATION

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

BIGSTONE LAKE NEAR LA RONGE - STATION NO. 06CA004

DAILY WATER LEVEL IN METRES FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.753	0.722E	0.706	0.722	0.782	0.991	0.820	---	0.914E	0.757	0.717	0.710	1
2	0.754	0.721E	0.708	0.723	0.784	0.987	0.817	---	0.900E	0.748	0.716	0.706	2
3	0.752	0.721E	0.702	0.722	0.810	0.987	0.815	---	0.888E	0.749	0.716	0.706	3
4	0.748	0.721E	0.702	0.723	0.826	0.987	0.818	---	0.875E	0.745	0.719	0.707	4
5	0.744	0.720E	0.700	0.724	0.836	0.978	0.808	---	0.860E	0.738	0.714	0.706	5
6	0.743	0.720E	0.698	0.723	0.848	0.980	0.812	---	0.849E	0.738	0.719	0.704	6
7	0.741	0.720E	0.698	0.727	0.872	0.952	0.817	---	0.838E	0.736	0.721	0.703	7
8	0.739	0.720E	0.699	0.731	0.893	0.949	0.826	---	0.828E	0.740	0.733	0.701	8
9	0.737	0.719E	0.698	0.734	0.900	0.958	0.804	---	0.819A	0.747	0.733	0.700	9
10	0.734	0.718E	0.702	0.733	0.911	0.953	0.793	---	0.798	0.741	0.731	0.700	10
11	0.733	0.718A	0.703	0.731	0.927	0.957	0.784	---	0.789	0.726	0.730	0.702	11
12	0.734	0.718	0.704	0.733	0.932	0.966	0.777	---	0.786	0.724	0.733	0.709	12
13	0.731	0.716	0.703	0.731	0.937	0.950	0.792	---	0.783	0.725	0.732	0.708	13
14	0.728	0.718	0.702	0.728	0.928	0.936	0.803	---	0.770	0.728	0.730	0.705	14
15	0.726	0.719	0.704	0.726	0.934	0.932	0.812	---	0.767	0.742	0.728	0.702	15
16	0.725A	0.717	0.704	0.729	0.955	0.920	0.822	---	0.764	0.742	0.727	0.701	16
17	0.725E	0.720	0.704	0.728	0.965	0.903	0.823	---	0.758	0.737	0.726	0.699	17
18	0.725E	0.713	0.706	0.727	0.979	0.901	0.829	---	0.758	0.740	0.727	0.698	18
19	0.725E	0.713	0.704	0.727	0.979	0.916	0.821A	---	0.754	0.734	0.725	0.697	19
20	0.724E	0.714	0.704	0.728	0.984	0.898	0.818E	---	0.753	0.734	0.721	0.695	20
21	0.724E	0.716	0.704	0.726	0.987	0.888	0.815E	---	0.754	0.727	0.720	0.691	21
22	0.724E	0.715	0.705	0.728	0.979	0.867	0.812E	---	0.761	0.736	0.716	0.689	22
23	0.724E	0.715	0.703	0.732	0.962	0.864	0.808E	---	0.761	0.743	0.719	0.691	23
24	0.724E	0.710	0.710	0.731	0.957	0.856	0.807E	---	0.759	0.728	0.723	0.688	24
25	0.723E	0.705	0.718	0.734	0.977	0.861	0.804E	---	0.753	0.729	0.721	0.688	25
26	0.723E	0.708	0.715	0.736	0.979	0.849	0.802A	---	0.749	0.724	0.719	0.683	26
27	0.723E	0.706	0.712	0.741	0.971	0.833	0.798E	---	0.742	0.724	0.717	0.685	27
28	0.723E	0.707	0.718	0.748	0.976	0.828	0.796E	---	0.744	0.720	0.715	0.682	28
29	0.722E	0.704	0.721	0.758	0.966	0.821	0.794E	---	0.752	0.718	0.714	0.680	29
30	0.722E		0.724	0.772	0.969	0.822	0.792E	---	0.759	0.714	0.710	0.678	30
31	0.722E		0.721		0.975		0.790E	0.928E		0.717		0.675	31
MEAN	0.731	0.716	0.706	0.732	0.925	0.918	0.807	---	0.792	0.734	0.723	0.696	MEAN
MAX	0.754	0.722	0.724	0.772	0.987	0.991	0.829	---	0.914	0.757	0.733	0.710	MAX
MIN	0.722	0.704	0.698	0.722	0.782	0.821	0.777	---	0.742	0.714	0.710	0.675	MIN

SUMMARY FOR THE YEAR 1988

WATER LEVELS IN METRES

MAXIMUM DAILY, 0.991 ON JUN 1
MINIMUM DAILY, 0.675 ON DEC 31
MAXIMUM INSTANTANEOUS,
1.005 AT 20:15 CST ON JUN 2

TYPE OF GAUGE - RECORDING
LOCATION - LAT 55 05 40 N
LONG 105 21 48 W

A - MANUAL GAUGE

E - ESTIMATED

REGULATED

DRAINAGE AREA,
7 280 km²

WATER LEVELS ARE REFERRED TO ASSUMED DATUM

REMARKS - TIME AND DATE OF PEAK ELEVATION WAS UNKNOWN

BIRCH CREEK NEAR ELFROS - STATION NO. 05MA011

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.001B	0.007B	0.047	0.025	0	0	0	0	---	---	1
2	---	---	0.001B	0.880B	0.047	0.017	0	0	0	0	---	---	2
3	---	---	0.001B	3.91 B	0.047	0.013	0	0	0	0	---	---	3
4	---	---	0.001B	5.42 B	0.033	0.013	0	0	0	0	---	---	4
5	---	---	0.001B	3.15 B	0.023	0.026	0	0	0	0	---	---	5
6	---	---	0.001B	3.46	0.027	0.013	0	0	0	0	---	---	6
7	---	---	0.001B	2.42	0.034	0.007	0	0	0	0	---	---	7
8	---	---	0.001B	1.46 E	0.044	0.005	0	0	0	0	---	---	8
9	---	---	0.001B	0.826E	0.020	0.005	0	0	0	0	---	---	9
10	---	---	0.001B	0.609E	0.025	0.011	0	0	0	0	---	---	10
11	---	---	0.001B	0.402E	0.024	0.024	0	0	0	0	---	---	11
12	---	---	0.001B	0.287A	0.030	0.009	0	0	0	0	---	---	12
13	---	---	0.001B	0.164	0.026	0.008	0	0	0	0	---	---	13
14	---	---	0.001B	0.115	0.037	0.009	0	0	0	0	---	---	14
15	---	---	0.001B	0.089	0.084	0.011	0	0	0	0	---	---	15
16	---	---	0.001B	0.039	0.084	0.003	0	0	0	0	---	---	16
17	---	---	0.001B	0.072	0.035	0.001	0	0	0	0	---	---	17
18	---	---	0.001B	0.050	0.026	0.001	0	0	0	0	---	---	18
19	---	---	0.001B	0.030	0.018	0.001	0	0	0	0	---	---	19
20	---	---	0.001B	0.012	0.015	0	0	0	0	0	---	---	20
21	---	---	0.001B	0.005	0.014	0	0	0	0	0	---	---	21
22	---	---	0.002B	0.005	0.006	0	0	0	0	0	---	---	22
23	---	---	0.043B	0.013	0.008	0	0	0	0	0	---	---	23
24	---	---	0.062B	0.012	0.023	0	0	0	0	0	---	---	24
25	---	---	0.009B	0.010	0.017	0	0	0	0	0	---	---	25
26	---	---	0.008B	0.023	0.022	0	0	0	0	0	---	---	26
27	---	---	0.008B	0.016	0.023	0	0	0	0	0	---	---	27
28	---	---	0.008B	0.015	0.018	0	0	0	0	0	---	---	28
29	---	---	0.008B	0.024	0.021	0	0	0	0	0	---	---	29
30	---		0.008B	0.026	0.019	0	0	0	0	0	---	---	30
31	---		0.007B		0.018		0	0		0		---	31
TOTAL	---	---	0.185	23.470	0.859	0.202	0	0	0	0	---	---	TOTAL
MEAN	---	---	0.006	0.782	0.028	0.007	0	0	0	0	---	---	MEAN
MAX	---	---	0.062	5.42	0.084	0.026	0	0	0	0	---	---	MAX
MIN	---	---	0.001	0.005	0.006	0	0	0	0	0	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.101
MAXIMUM DAILY, 5.42B ON APR 4
MINIMUM DAILY, 0 ON JUN 20
MAXIMUM INSTANTANEOUS,
5.820 AT 22:20 CST ON APR 3

TYPE OF GAUGE - RECORDING
LOCATION - LAT 51 44 45 N
LONG 103 52 27 W
DRAINAGE AREA, 692 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	0
FEB	---	AUG	0
MAR	16.0	SEP	0
APR	2 030	OCT	0
MAY	74.2	NOV	---
JUN	17.5	DEC	---

TOTAL DISCHARGE, 2 140 dam³

BIRLING CREEK NEAR PAYNTON - STATION NO. 05EG005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0B	0.002B	0	0	0	0	0	0	---	---	1
2	---	---	0B	0.002	0	0	0	0	0	0	---	---	2
3	---	---	0B	0.002	0	0	0	0	0	0	---	---	3
4	---	---	0B	0.002	0	0	0	0	0	0	---	---	4
5	---	---	0B	0.001	0	0	0	0	0	0	---	---	5
6	---	---	0B	0.001	0	0	0	0	0	0	---	---	6
7	---	---	0B	0.001	0	0	0	0	0	0	---	---	7
8	---	---	0B	0.001	0	0	0	0	0	0	---	---	8
9	---	---	0B	0.001	0	0	0	0	0	0	---	---	9
10	---	---	0B	0	0	0	0	0	0	0	---	---	10
11	---	---	0B	0	0	0	0	0	0	0	---	---	11
12	---	---	0B	0	0	0	0	0	0	0	---	---	12
13	---	---	0B	0	0	0	0	0	0	0	---	---	13
14	---	---	0B	0	0	0	0	0	0	0	---	---	14
15	---	---	0B	0	0	0	0	0	0	0	---	---	15
16	---	---	0B	0	0	0	0	0	0	0	---	---	16
17	---	---	0B	0	0	0	0	0	0	0	---	---	17
18	---	---	0B	0	0	0	0	0	0	0	---	---	18
19	---	---	0B	0	0	0	0	0	0	0	---	---	19
20	---	---	0B	0	0	0	0	0	0	0	---	---	20
21	---	---	0B	0	0	0	0	0	0	0	---	---	21
22	---	---	0B	0	0	0	0	0	0	0	---	---	22
23	---	---	0B	0	0	0	0	0	0	0	---	---	23
24	---	---	0B	0	0	0	0	0	0	0	---	---	24
25	---	---	0B	0	0	0	0	0	0	0	---	---	25
26	---	---	0B	0	0	0	0	0	0	0	---	---	26
27	---	---	0B	0	0	0	0	0	0	0	---	---	27
28	---	---	0B	0	0	0	0	0	0	0	---	---	28
29	---	---	0B	0	0	0	0	0	0	0	---	---	29
30	---		0B	0	0	0	0	0	0	0	---	---	30
31	---		0B		0		0	0		0		---	31
TOTAL	---	---	0	0.013	0	0	0	0	0	0	---	---	TOTAL
MEAN	---	---	0	0	0	0	0	0	0	0	---	---	MEAN
MAX	---	---	0	0.002	0	0	0	0	0	0	---	---	MAX
MIN	---	---	0	0	0	0	0	0	0	0	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0
MAXIMUM DAILY, 0.002B ON APR 1
MINIMUM DAILY, 0B ON MAR 1
MAXIMUM INSTANTANEOUS,
0.005 AT 18:05 CST ON APR 1

TYPE OF GAUGE - RECORDING
LOCATION - LAT 53 04 45 N
LONG 108 59 00 W
DRAINAGE AREA, 428 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	0
FEB	---	AUG	0
MAR	0	SEP	0
APR	1.12	OCT	0
MAY	0	NOV	---
JUN	0	DEC	---

TOTAL DISCHARGE, 1.12 dam³

BOGGY CREEK NEAR LUMSDEN - STATION NO. 05JF005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	0 B	0.001B	0.006B	0.008	0.001	0	0	0	0	---	---	1
2	---	0 B	0.003B	0.006B	0.006	0.001	0	0	0	0	---	---	2
3	---	0 B	0.004B	0.006B	0.004	0.001	0	0	0	0	---	---	3
4	---	0 B	0.005B	0.007B	0.004	0.001	0	0	0	0	---	---	4
5	---	0 B	0.010B	0.008B	0.003	0.001	0	0	0	0	---	---	5
6	---	0 B	0.011B	0.007B	0.003	0.001	0	0	0	0	---	---	6
7	---	0 B	0.018B	0.007B	0.003	0.001	0	0	0	0	---	---	7
8	---	0 B	0.018B	0.010B	0.003	0.001	0	0	0	0	---	---	8
9	---	0 B	0.015B	0.008B	0.003	0.001	0	0	0	0	---	---	9
10	---	0 B	0.014B	0.008B	0.003	0.001	0	0	0	0	---	---	10
11	---	0 B	0.011B	0.005	0.002	0.001	0	0	0	0	---	---	11
12	---	0 B	0.010B	0.006	0.002	0.001	0	0	0	0	---	---	12
13	---	0 B	0.008B	0.009	0.002	0.001	0	0	0	0	---	---	13
14	---	0 B	0.007B	0.011	0.002	0.001	0	0	0	0	---	---	14
15	---	0 B	0.005B	0.016	0.002	0.001	0	0	0	0	---	---	15
16	---	0 B	0.005B	0.017	0.002	0.001	0	0	0	0	---	---	16
17	---	0 B	0.003B	0.008	0.002	0.001	0	0	0	0	---	---	17
18	---	0 B	0.003B	0.008	0.002	0.001	0	0	0	0	---	---	18
19	---	0 B	0.004B	0.006	0.002	0.001	0	0	0	0	---	---	19
20	---	0 B	0.004B	0.006	0.002	0.001	0	0	0	0	---	---	20
21	---	0 B	0.008B	0.008	0.002	0	0	0	0	0	---	---	21
22	---	0 B	0.006B	0.008	0.002	0	0	0	0	0	---	---	22
23	---	0 B	0.006B	0.011	0.002	0	0	0	0	0	---	---	23
24	---	0 B	0.005B	0.012	0.002	0	0	0	0	0	---	---	24
25	---	0 B	0.002B	0.012	0.002	0	0	0	0	0	---	---	25
26	---	0 B	0.001B	0.010	0.002	0	0	0	0	0	---	---	26
27	---	0.003B	0.003B	0.008	0.002	0	0	0	0	0	---	---	27
28	---	0.001B	0.004B	0.006	0.002	0	0	0	0	0	---	---	28
29	---	0.001B	0.003B	0.010	0.002	0	0	0	0	0	---	---	29
30	---		0.002B	0.007	0.002	0	0	0	0	0	---	---	30
31	---		0.004B		0.002		0	0		0		---	31
TOTAL	---	0.005	0.204	0.268	0.081	0.020	0	0	0	0	---	---	TOTAL
MEAN	---	0	0.007	0.009	0.003	0.001	0	0	0	0	---	---	MEAN
MAX	---	0.003	0.018	0.017	0.008	0.001	0	0	0	0	---	---	MAX
MIN	---	0	0.001	0.005	0.002	0	0	0	0	0	---	---	MIN

SUMMARY FOR THE MONTHS FEB TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.002
MAXIMUM DAILY, 0.018B ON MAR 8
MINIMUM DAILY, 0B ON FEB 1
MAXIMUM INSTANTANEOUS,
0.025B AT 16:13 CST ON MAR 8

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 26 55 N
LONG 104 49 05 W
DRAINAGE AREA, 401 km²

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	0
FEB	0.42	AUG	0
MAR	17.6	SEP	0
APR	23.2	OCT	0
MAY	7.00	NOV	---
JUN	1.73	DEC	---

TOTAL DISCHARGE, 50.0 dam³

BOUNDARY RESERVOIR NEAR ESTEVAN - STATION NO. 05NB012

DAILY WATER LEVEL IN METRES FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	557.141	557.025	556.913	556.771	556.576	556.422	556.061E	555.752E	555.439	555.286	555.166	555.157	1
2	557.134	557.018	556.916	556.765	556.582	556.414	556.058E	555.721A	555.428	555.286	555.161	555.158	2
3	557.110	557.014	556.915	556.760	556.593	556.403	556.054E	555.713	555.422	555.280	555.161	555.158	3
4	557.103	557.006	556.913	556.760	556.590	556.393	556.050E	555.706	555.418	555.280	555.158	555.164	4
5	557.106	556.997	556.910A	556.760	556.583	556.376	556.055E	555.699	555.415	555.277	555.155	555.166	5
6	557.112	556.997	556.904A	556.743	556.581	556.353	556.078E	555.688	555.406	555.278	555.159	555.161	6
7	557.106	556.995	556.904	556.734	556.576	556.337	556.072E	555.666	555.381	555.277	555.156	555.162	7
8	557.102	556.988	556.906	556.714	556.575	556.316	556.067E	555.666	555.371	555.276	555.158	555.162	8
9	557.101	556.982	556.910	556.712	556.576	556.301	556.061E	555.650	555.356	555.273	555.153	555.167	9
10	557.099	556.977	556.903	556.717	556.573	556.295	556.057E	555.636	555.346	555.269	555.150	555.169	10
11	557.097	556.976	556.896	556.720	556.573	556.272	556.051E	555.624	555.332	555.270	555.148	555.176	11
12	557.095	556.978	556.892	556.713	556.565	556.256A	556.051E	555.613	555.332	555.268	555.144	555.171	12
13	557.093	556.976	556.888	556.705	556.563	556.240A	556.038E	555.603	555.327	555.261	555.135	555.168	13
14	557.093	556.972	556.887	556.701	556.557	556.234	556.025E	555.598	555.325	555.256	555.136	555.189	14
15	557.098	556.974	556.884	556.696	556.543	556.236	556.009E	555.590	555.321	555.253	555.140	555.193	15
16	557.094	556.974	556.873	556.686	556.541A	556.232	555.994E	555.579	555.318	555.250	555.139	555.198	16
17	557.087	556.974	556.866	556.672	556.536	556.218	555.978E	555.568	555.310	555.251	555.140	555.202	17
18	557.084	556.966	556.866	556.672	556.526	556.207	555.962E	555.562	555.322	555.248	555.141	555.207	18
19	557.082	556.957	556.861	556.666	556.523	556.195	555.947E	555.558	555.335	555.245	555.140	555.211	19
20	557.080	556.956	556.848	556.657	556.521	556.194	555.931E	555.544	555.334	555.238	555.141	555.217	20
21	557.071	556.950	556.842	556.650	556.515	556.187	555.918E	555.555	555.332	555.237	555.142	555.221	21
22	557.068	556.939	556.840	556.645	556.510	556.156	555.900E	555.544	555.321	555.222	555.145	555.223	22
23	557.066	556.931	556.836	556.636	556.505	556.138	555.884E	555.526	555.321	555.216	555.146	555.225	23
24	557.061	556.934	556.821	556.612	556.498	556.126	555.868E	555.513	555.318	555.212	555.147	555.225	24
25	557.062	556.936	556.801	556.606	556.481	556.109	555.852E	555.500	555.318	555.207	555.148	555.231	25
26	557.052	556.932	556.806	556.604	556.476	556.099	555.837E	555.488	555.305	555.202	555.148	555.234	26
27	557.051	556.925	556.802	556.604	556.471	556.080A	555.823E	555.476	555.302	555.184	555.145	555.239	27
28	557.051	556.925	556.768	556.596	556.465	556.064E	555.808E	555.468	555.296	555.182	555.152	555.245	28
29	557.045	556.928	556.779	556.574A	556.460	556.046E	555.792E	555.465	555.300	555.178	555.150	555.249	29
30	557.038		556.773	556.576A	556.446	556.052E	555.778E	555.455	555.293	555.174	555.154	555.252	30
31	557.025		556.774		556.435		555.763E	555.448		555.169		555.252	31
MEAN	557.084	556.970	556.862	556.681	556.533	556.231	555.952	555.588	555.346	555.242	555.148	555.200	MEAN
MAX	557.141	557.025	556.916	556.771	556.593	556.422	556.078	555.752	555.439	555.286	555.166	555.252	MAX
MIN	557.025	556.925	556.773	556.574	556.435	556.046	555.763	555.448	555.293	555.169	555.135	555.157	MIN

SUMMARY FOR THE YEAR 1988

WATER LEVELS IN METRES

MEAN, 556.066
MAXIMUM DAILY, 557.141 ON JAN 1
MINIMUM DAILY, 555.135 ON NOV 13
MAXIMUM INSTANTANEOUS,
557.147 AT 14:28 CST ON JAN 1

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 05 49 N
LONG 103 01 26 W

A - MANUAL GAUGE

E - ESTIMATED

REGULATED SINCE 1958

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM (LOCAL 1976 ADJ.)
APPLY -000.019 m ADJUSTMENT TO CONVERT TO GEODETIC SURVEY OF CANADA DATUM

REMARKS - MINIMUM DAILY VALUE OF 555.135 METRES WAS THE LOWEST SINCE THE RESERVOIR ORIGINALLY FILLED IN 1959

BOXELDER CREEK AT HARGRAVE'S RANCH - STATION NO. 05AH050

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	0	0	0.008	0	0	0	0	0	0	0A	---	1
2	---	0	0	0.001	0	0	0	0	0	0	---	---	2
3	---	0	0	0	0	0	0	0	0	0	---	---	3
4	---	0	0	0	0	0	0	0	0	0	---	---	4
5	---	0	0	0.373	0	0	0	0	0	0	---	---	5
6	---	0	0	0.122	0	0	0	0	0	0	---	---	6
7	---	0	0	0	0	0	0	0	0	0	---	---	7
8	---	0	0	0	0	0	0	0	0	0	---	---	8
9	---	0	0	0	0	0	0	0	0	0	---	---	9
10	---	0	0	0	0	0	0	0	0	0	---	---	10
11	---	0	0	0	0	0	0	0	0	0	---	---	11
12	---	0	0	0	0	0	0	0	0	0	---	---	12
13	---	0	0	0	0	0	0	0	0	0	---	---	13
14	---	0	0	0	0	0	0	0	0	0	---	---	14
15	---	0	0	0	0	0	0	0	0	0	---	---	15
16	---	0	0	0	0	0	0	0	0	0	---	---	16
17	---	0	0	0	0	0	0	0	0	0	---	---	17
18	---	0	0	0	0	0	0	0	0	0	---	---	18
19	---	0	0	0	0	0	0	0	0	0	---	---	19
20	---	0	0	0	0	0	0	0	0	0	---	---	20
21	---	0	0	0	0	0	0	0	0	0	---	---	21
22	---	0	0	0	0	0	0	0	0	0	---	---	22
23	---	0	0	0	0	0	0	0	0	0	---	---	23
24	---	0	0.001B	0	0	0	0	0	0	0	---	---	24
25	---	0	0.005B	0	0	0	0	0	0	0	---	---	25
26	---	0	0.010B	0	0	0	0	0	0	0	---	---	26
27	---	0	0.020B	0	0	0	0	0	0	0	---	---	27
28	0A	0	0.030B	0	0	0	0	0	0	0	---	---	28
29	0	0	0.035B	0	0	0	0	0	0	0	---	---	29
30	0		0.024B	0	0	0	0	0	0	0	---	---	30
31	0		0.025B		0		0	0		0		---	31
TOTAL	---	0	0.150	0.505	0	0	0	0	0	0	---	---	TOTAL
MEAN	---	0	0.005	0.017	0	0	0	0	0	0	---	---	MEAN
MAX	---	0	0.035	0.373	0	0	0	0	0	0	---	---	MAX
MIN	---	0	0	0	0	0	0	0	0	0	---	---	MIN

SUMMARY FOR THE MONTHS FEB TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.002
MAXIMUM DAILY, 0.373 ON APR 5
MINIMUM DAILY, 0 ON FEB 1
MAXIMUM INSTANTANEOUS,
0.537 AT 09:40 MST ON APR 5

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 00 43 N
LONG 109 59 14 W
DRAINAGE AREA, 1 040 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	0
FEB	0	AUG	0
MAR	13.0	SEP	0
APR	43.6	OCT	0
MAY	0	NOV	---
JUN	0	DEC	---

TOTAL DISCHARGE, 56.6 dam³

BOXELDER CREEK NEAR WALSH - STATION NO. 05AH001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	0	0B	0	0	0	0	0	0	0	0A	---	1
2	---	0	0B	0	0	0	0	0	0	0	---	---	2
3	---	0	0B	0	0	0	0	0	0	0	---	---	3
4	---	0	0B	0	0	0	0	0	0	0	---	---	4
5	---	0	0B	0	0	0	0	0	0	0	---	---	5
6	---	0	0B	0	0	0	0	0	0	0	---	---	6
7	---	0	0B	0	0	0	0	0	0	0	---	---	7
8	---	0	0B	0	0	0	0	0	0	0	---	---	8
9	---	0	0B	0	0	0	0	0	0	0	---	---	9
10	---	0	0	0	0	0	0	0	0	0	---	---	10
11	---	0	0	0	0	0	0	0	0	0	---	---	11
12	---	0	0	0	0	0	0	0	0	0	---	---	12
13	---	0	0	0	0	0	0	0	0	0	---	---	13
14	---	0	0	0	0	0	0	0	0	0	---	---	14
15	---	0	0	0	0	0	0	0	0	0	---	---	15
16	---	0B	0	0	0	0	0	0	0	0	---	---	16
17	---	0B	0	0	0	0	0	0	0	0	---	---	17
18	---	0B	0	0	0	0	0	0	0	0	---	---	18
19	---	0B	0	0	0	0	0	0	0	0	---	---	19
20	---	0B	0	0	0	0	0	0	0	0	---	---	20
21	---	0B	0	0	0	0	0	0	0	0	---	---	21
22	---	0B	0	0	0	0	0	0	0	0	---	---	22
23	---	0B	0	0	0	0	0	0	0	0	---	---	23
24	---	0B	0	0	0	0	0	0	0	0	---	---	24
25	---	0B	0	0	0	0	0	0	0	0	---	---	25
26	---	0B	0	0	0	0	0	0	0	0	---	---	26
27	---	0B	0	0	0	0	0	0	0	0	---	---	27
28	0A	0B	0	0	0	0	0	0	0	0	---	---	28
29	0	0B	0	0	0	0	0	0	0	0	---	---	29
30	0		0	0	0	0	0	0	0	0	---	---	30
31	0		0		0		0	0		0		---	31
TOTAL	---	0	0	0	0	0	0	0	0	0	---	---	TOTAL
MEAN	---	0	0	0	0	0	0	0	0	0	---	---	MEAN
MAX	---	0	0	0	0	0	0	0	0	0	---	---	MAX
MIN	---	0	0	0	0	0	0	0	0	0	---	---	MIN

SUMMARY FOR THE MONTHS FEB TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0
MAXIMUM DAILY, 0 ON FEB 1
MINIMUM DAILY, 0 ON FEB 1

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 57 38 N
LONG 109 58 19 W
DRAINAGE AREA, 319 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	0
FEB	0	AUG	0
MAR	0	SEP	0
APR	0	OCT	0
MAY	0	NOV	---
JUN	0	DEC	---

TOTAL DISCHARGE, 0 dam³

BRIDGE CREEK AT GULL LAKE - STATION NO. 05HA015

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0	0	0	0	0	0	0	0	---	---	1
2	---	---	0	0	0	0	0	0	0	0	---	---	2
3	---	---	0	0	0	0	0	0	0	0	---	---	3
4	---	---	0	0	0	0	0	0	0	0	---	---	4
5	---	---	0	0	0	0	0	0	0	0	---	---	5
6	---	---	0	0	0	0	0	0	0	0	---	---	6
7	---	---	0	0	0	0	0	0	0	0	---	---	7
8	---	---	0	0	0	0	0	0	0	0	---	---	8
9	---	---	0	0	0	0	0	0	0	0	---	---	9
10	---	---	0	0	0	0	0	0	0	0	---	---	10
11	---	---	0	0	0	0	0	0	0	0	---	---	11
12	---	---	0	0	0	0	0	0	0	0	---	---	12
13	---	---	0	0	0	0	0	0	0	0	---	---	13
14	---	---	0	0	0	0	0	0	0	0	---	---	14
15	---	---	0	0	0	0	0	0	0	0	---	---	15
16	---	---	0	0	0	0	0	0	0	0	---	---	16
17	---	---	0	0	0	0	0	0	0	0	---	---	17
18	---	---	0	0	0	0	0	0	0	0	---	---	18
19	---	---	0	0	0	0	0	0	0	0	---	---	19
20	---	---	0	0	0	0	0	0	0	0	---	---	20
21	---	---	0	0	0	0	0	0	0	0	---	---	21
22	---	---	0	0	0	0	0	0	0	0	---	---	22
23	---	---	0	0	0	0	0	0	0	0	---	---	23
24	---	---	0	0	0	0	0	0	0	0	---	---	24
25	---	---	0	0	0	0	0	0	0	0	---	---	25
26	---	---	0	0	0	0	0	0	0	0	---	---	26
27	---	---	0	0	0	0	0	0	0	0	---	---	27
28	---	---	0	0	0	0	0	0	0	0	---	---	28
29	---	---	0	0	0	0	0	0	0	0	---	---	29
30	---		0	0	0	0	0	0	0	0	---	---	30
31	---		0		0		0	0		0		---	31
TOTAL	---	---	0	0	0	0	0	0	0	0	---	---	TOTAL
MEAN	---	---	0	0	0	0	0	0	0	0	---	---	MEAN
MAX	---	---	0	0	0	0	0	0	0	0	---	---	MAX
MIN	---	---	0	0	0	0	0	0	0	0	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0
MAXIMUM DAILY, 0 ON MAR 1
MINIMUM DAILY, 0 ON MAR 1
MAXIMUM INSTANTANEOUS,
0 AT 00:00 CST ON MAR 1

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 05 30 N
LONG 108 29 30 W
DRAINAGE AREA, 370 km^2

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	0
FEB	---	AUG	0
MAR	0	SEP	0
APR	0	OCT	0
MAY	0	NOV	---
JUN	0	DEC	---

TOTAL DISCHARGE, 0 dam^3

BRIGHTSAND LAKE NEAR ST. WALBURG - STATION NO. 05EE010

DAILY WATER LEVEL IN METRES FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	---	683.174	683.193	683.136	683.178	683.111	---	---	1
2	---	---	---	---	---	683.174	683.191	683.134	683.181	683.107	---	---	2
3	---	---	---	---	---	683.178	683.187	683.128	683.170	683.107	---	---	3
4	---	---	---	---	---	683.178	683.186	683.136	683.162	683.101	---	---	4
5	---	---	---	---	---	683.176	683.185	683.128	683.158	683.093	---	---	5
6	---	---	---	---	---	683.178	683.230	683.106	683.158	683.088	---	---	6
7	---	---	---	---	---	683.194	683.205	683.131	683.160	683.089	---	---	7
8	---	---	---	---	---	683.200	683.195	683.128	683.160	683.087	---	---	8
9	---	---	---	---	---	683.197	683.190	683.130	683.136	683.089	---	---	9
10	---	---	---	---	---	683.197	683.190	683.130	683.136	683.087	---	---	10
11	---	---	---	---	---	683.196	683.183	683.120	683.146	683.081	---	---	11
12	---	---	---	---	---	683.195	683.177	683.128	683.140	683.077	---	---	12
13	---	---	---	---	---	683.195	683.175	683.124	683.136	683.077	---	---	13
14	---	---	---	---	---	683.193	683.167	683.122	683.136	683.081	---	---	14
15	---	---	---	---	---	683.188	683.173	683.121	683.130	683.080	---	---	15
16	---	---	---	---	683.118	683.188	683.167	683.128	683.114	683.078	---	---	16
17	---	---	---	---	---	683.190	683.165	683.124	683.116	683.081	---	---	17
18	---	---	---	---	---	683.161	683.165	683.124	683.116	683.078	---	---	18
19	---	---	---	---	---	683.193	683.173	683.126	683.116	683.077	---	---	19
20	---	---	---	---	---	683.193	683.173	683.136	683.114	683.077	---	---	20
21	---	---	---	---	---	683.161	683.169	683.138	683.112	683.077	---	---	21
22	---	---	---	---	---	683.161	683.167	683.142	683.116	683.068	---	---	22
23	---	---	---	---	---	683.178	683.141	683.169	683.113	683.041	---	---	23
24	---	---	---	---	---	683.178	683.141	683.168	683.111	683.037	---	---	24
25	---	---	---	---	---	683.179	683.136	683.206	683.111	683.037	---	---	25
26	---	---	---	---	---	683.185	683.158	683.196	683.113	683.038	---	---	26
27	---	---	---	---	---	683.183	683.156	683.166	683.113	683.037	---	---	27
28	---	---	---	---	683.104	683.189	683.140	683.166	683.111	683.037	---	---	28
29	---	---	---	---	683.084	683.189	683.134	683.164	683.112	683.037	---	---	29
30	---		---	---	683.088	683.201	683.130	683.162	683.113	683.037	---	---	30
31	---		---		683.138		683.133	683.160		683.041		---	31
MEAN	---	---	---	---	---	683.186	683.170	683.147	683.133	683.072	---	---	MEAN
MAX	---	---	---	---	---	683.201	683.230	683.206	683.181	683.111	---	---	MAX
MIN	---	---	---	---	---	683.161	683.130	683.106	683.111	683.037	---	---	MIN

WATER LEVELS IN METRES

MAXIMUM DAILY, 683.230 ON JUL 6

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - MANUAL
LOCATION - LAT 53 38 38 N
LONG 108 50 46 W
DATA CONTRIBUTED BY -
SASKATCHEWAN WATER CORPORATION

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

BRIGHTWATER CREEK NEAR KENASTON - STATION NO. 05HG002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0	0.131	0	0	0	0	0	0	---	---	1
2	---	---	0	0.107	0	0	0	0	0	0	---	---	2
3	---	---	0	0.112	0	0	0	0	0	0	---	---	3
4	---	---	0	0.094	0	0	0	0	0	0	---	---	4
5	---	---	0	0.069	0	0	0	0	0	0	---	---	5
6	---	---	0	0.047	0	0	0	0	0	0	---	---	6
7	---	---	0	0.026	0	0	0	0	0	0	---	---	7
8	---	---	0	0.011	0	0	0	0	0	0	---	---	8
9	---	---	0	0.004	0	0	0	0	0	0	---	---	9
10	---	---	0	0.007	0	0	0	0	0	0	---	---	10
11	---	---	0	0.007	0.002	0	0	0	0	0	---	---	11
12	---	---	0	0.005	0.003	0	0	0	0	0	---	---	12
13	---	---	0	0.004	0.003	0	0	0	0	0	---	---	13
14	---	---	0	0.004	0.001	0	0	0	0	0	---	---	14
15	---	---	0	0.003	0.001	0	0	0	0	0	---	---	15
16	---	---	0	0.002	0.001	0	0	0	0	0	---	---	16
17	---	---	0	0.001	0	0	0	0	0	0	---	---	17
18	---	---	0	0.001	0	0	0	0	0	0	---	---	18
19	---	---	0	0.001	0	0	0	0	0	0	---	---	19
20	---	---	0	0.001	0	0	0	0	0	0	---	---	20
21	---	---	0.008	0.001	0	0	0	0	0	0	---	---	21
22	---	---	0.004	0	0	0	0	0	0	0	---	---	22
23	---	---	0.001	0	0	0	0	0	0	0	---	---	23
24	---	---	0.184	0	0	0	0	0	0	0	---	---	24
25	---	---	0.546B	0	0	0	0	0	0	0	---	---	25
26	---	---	0.465B	0	0	0	0	0	0	0	---	---	26
27	---	---	0.308	0	0	0	0	0	0	0	---	---	27
28	---	---	0.204B	0	0	0	0	0	0	0	---	---	28
29	---	---	0.158	0	0	0	0	0	0	0	---	---	29
30	---		0.159	0	0	0	0	0	0	0	---	---	30
31	---		0.160		0		0	0		0		---	31
TOTAL	---	---	2.177	0.638	0.011	0	0	0	0	0	---	---	TOTAL
MEAN	---	---	0.070	0.021	0	0	0	0	0	0	---	---	MEAN
MAX	---	---	0.546	0.131	0.003	0	0	0	0	0	---	---	MAX
MIN	---	---	0	0	0	0	0	0	0	0	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.012
MAXIMUM DAILY, 0.546B ON MAR 25
MINIMUM DAILY, 0 ON MAR 1
MAXIMUM INSTANTANEOUS,
0.741 AT 14:23 CST ON MAR 26

TYPE OF GAUGE - RECORDING
LOCATION - LAT 51 33 45 N
LONG 106 30 03 W
DRAINAGE AREA, 500 km²

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	0
FEB	---	AUG	0
MAR	188	SEP	0
APR	55.1	OCT	0
MAY	0.95	NOV	---
JUN	0	DEC	---

TOTAL DISCHARGE, 244 dam³

BRIGHTWATER RESERVOIR AT RIPARIAN OUTLET - STATION NO. 05HG006

DAILY WATER LEVEL IN METRES FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	545.178	545.487	543.484	545.113A	545.017	545.020	545.408	545.883	545.546	---	1
2	---	---	545.178	545.481	543.530	545.145	544.970	545.038	545.414	545.873	545.546A	---	2
3	---	---	545.175	545.501	543.649	545.175	544.924	545.079	545.394	545.860	---	---	3
4	---	---	545.178	545.524	543.703	545.198	544.884	545.113	545.355	545.830	---	---	4
5	---	---	545.178	545.531	543.872	545.206	544.886	545.129	545.317	545.598	---	---	5
6	---	---	545.178	545.481	543.992	545.207	544.877	545.138	545.260	545.594	---	---	6
7	---	---	545.188	545.424	544.105	545.198	544.904	545.147	545.223	545.594	---	---	7
8	---	---	545.190	545.351	544.224	545.218	544.932	545.168	545.178	545.590	---	---	8
9	---	---	545.192	545.275	544.329	545.242	544.971	545.171	545.140	545.589	---	---	9
10	---	---	545.197	545.195	544.423	545.260	545.013	545.183	545.081	545.587	---	---	10
11	---	---	545.194	545.108	544.517	545.262	545.073	545.158	545.046	545.587	---	---	11
12	---	---	545.181	544.989	544.608	545.270	545.106	545.167	545.021	545.588	---	---	12
13	---	---	545.188	544.884	544.719	545.279	545.130	545.173	545.019	545.587	---	---	13
14	---	---	545.183	544.788	544.811	545.274	545.160	545.172	545.007	545.585	---	---	14
15	---	---	545.183	544.678	544.921	545.288	545.173	545.202	544.998	545.579	---	---	15
16	---	---	545.185	544.564	545.028	545.249	545.174	545.198	545.004	545.578	---	---	16
17	---	545.177A	545.187	544.424	545.103	545.241	545.183	545.183	545.014	545.572	---	---	17
18	---	545.175	545.187	544.284	545.115	545.223	545.208	545.181	545.039	545.574	---	---	18
19	---	545.176	545.199	544.164	545.088	545.205	545.211	545.182	545.084	545.576	---	---	19
20	---	545.172	545.203	544.015	545.065	545.180	545.188	545.195	545.115	545.570	---	---	20
21	---	545.181	545.221	543.882	545.017	545.169	545.160	545.218	545.155	545.575	---	---	21
22	---	545.176	545.258	543.700	544.988	545.164	545.132	545.240	545.173	545.565	---	---	22
23	---	545.173	545.307	543.534	544.975	545.161	545.103	545.265	545.224	545.553	---	---	23
24	---	545.174	545.344	543.373	544.985	545.185	545.109	545.283	545.287	545.556	---	---	24
25	---	545.173	545.381	543.244	544.987	545.158	545.113	545.302	545.312	545.559	---	---	25
26	---	545.173	545.388	543.154	544.985	545.154	545.101	545.317	545.358	545.555	---	---	26
27	---	545.176	545.412	543.205	545.017	545.129	545.088	545.335	545.427	545.543	---	---	27
28	---	545.175	545.422	543.288	545.031	545.118	545.065	545.358	545.483	545.539	---	---	28
29	---	545.180	545.424	543.340	545.041	545.088	545.057	545.381	545.581	545.541	---	---	29
30	---		545.435	543.401	545.076	545.084	545.052	545.392	545.631	545.542	---	---	30
31	---		545.452		545.092A		545.032	545.404		545.546		---	31
MEAN	---	---	545.252	544.475	544.827	545.192	545.063	545.208	545.224	545.582	---	---	MEAN
MAX	---	---	545.452	545.531	545.116	545.279	545.211	545.404	545.631	545.883	---	---	MAX
MIN	---	---	545.175	543.154	543.484	545.084	544.888	545.020	544.998	545.538	---	---	MIN

SUMMARY FOR THE YEAR 1988

WATER LEVELS IN METRES

MAXIMUM DAILY, 545.883 ON OCT 1
MINIMUM DAILY, 543.154 ON APR 26
MAXIMUM INSTANTANEOUS,
545.892 AT 15:56 CST ON OCT 1

TYPE OF GAUGE - RECORDING
LOCATION - LAT 51 36 48 N
LONG 106 32 16 W

A - MANUAL GAUGE

REGULATED SINCE 1967

DRAINAGE AREA,
1 540 km²

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

BRODERICK IRRIGATION PROJECT MAIN CANAL BELOW PUMPING STATION - STATION NO. 05HF007

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0	0	0	13.8	14.0	16.8	8.87	0	---	---	1
2	---	---	0	0	3.01	13.8	14.0	11.7	6.40	0	---	---	2
3	---	---	0	0	5.17	13.8	14.0	12.1	6.40	0	---	---	3
4	---	---	0	0	5.17	13.8	14.0	13.6	6.40	0	---	---	4
5	---	---	0	0	6.07	12.7	10.7	14.0	6.40	0	---	---	5
6	---	---	0	0	9.39	12.7	10.4	13.0	6.40	0	---	---	6
7	---	---	0	0	9.39	13.8	13.0	12.7	6.40	0	---	---	7
8	---	---	0	0	9.39	13.8	17.0	12.7	6.40	0	---	---	8
9	---	---	0	0	9.39	13.8	17.0	13.6	6.40	0	---	---	9
10	---	---	0	0	9.39	13.8	17.0	14.0	6.40	0	---	---	10
11	---	---	0	0	9.39	13.8	17.0	14.0	6.40	0	---	---	11
12	---	---	0	0	9.39	13.8	17.0	14.0	6.40	0	---	---	12
13	---	---	0	0	9.39	13.8	17.0	14.0	6.40	0	---	---	13
14	---	---	0	0	9.39	13.8	17.0	14.0	4.04	0	---	---	14
15	---	---	0	0	9.39	13.8	17.0	14.0	8.48	0	---	---	15
16	---	---	0	0	9.39	13.8	17.0	14.0	8.77	0	---	---	16
17	---	---	0	0	9.39	13.8	17.0	14.0	8.87	0	---	---	17
18	---	---	0	0	9.39	13.8	17.0	14.0	8.77	0	---	---	18
19	---	---	0	0	9.39	13.8	17.0	11.3	8.88	0	---	---	19
20	---	---	0	0	9.39	13.8	17.0	9.66	8.77	0	---	---	20
21	---	---	0	0	9.39	13.8	17.0	9.66	8.87	0	---	---	21
22	---	---	0	0	8.97	13.8	17.0	9.66	8.77	0	---	---	22
23	---	---	0	0	12.0	13.8	17.0	9.66	8.77	0	---	---	23
24	---	---	0	0	13.8	13.8	17.0	9.66	8.77	0	---	---	24
25	---	---	0	0	13.8	13.8	17.0	9.66	8.77	0	---	---	25
26	---	---	0	0	13.8	13.8	17.0	9.66	8.77	0	---	---	26
27	---	---	0	0	13.8	13.8	16.8	9.66	8.77	0	---	---	27
28	---	---	0	0	13.8	7.48	17.0	9.66	8.77	0	---	---	28
29	---	---	0	0	12.5	11.2	17.0	9.66	8.77	0	---	---	29
30	---		0	0	12.2	13.8	17.0	9.66	4.71	0	---	---	30
31	---		0		13.8		17.0	9.66		0		---	31
TOTAL	---	---	0	0	298.03	402.88	497.8	373.48	225.38	0	---	---	TOTAL
MEAN	---	---	0	0	9.61	13.4	16.1	12.0	7.51	0	---	---	MEAN
MAX	---	---	0	0	13.8	13.8	17.0	16.8	8.88	0	---	---	MAX
MIN	---	---	0	0	0	7.48	10.4	9.66	4.04	0	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 7.34
MAXIMUM DAILY, 17.0 ON JUL 8
MINIMUM DAILY, 0 ON MAR 1

TYPE OF GAUGE - RECORDING
LOCATION - LAT 51 17 07 N
LONG 106 50 10 W

REGULATED

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	43 000
FEB	---	AUG	32 300
MAR	0	SEP	19 500
APR	0	OCT	0
MAY	25 800	NOV	---
JUN	34 800	DEC	---

TOTAL DISCHARGE, 155 000 dam³

BRODERICK RESERVOIR AT WEST EMBANKMENT - STATION NO. 05HF017

DAILY WATER LEVEL IN METRES FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	562.858	562.874	562.272	561.483	560.572	560.644	562.701	562.983	562.800A	---	1
2	---	---	562.865	562.873	562.145	561.505	560.693	560.689	562.643	563.000	---	---	2
3	---	---	562.866	562.873	562.057	561.561	561.186	560.631	562.573	563.004	---	---	3
4	---	---	562.867	562.876	562.015	561.617	561.407	560.683	562.497	563.014	---	---	4
5	---	---	562.866	562.873	561.974	561.674	561.306	560.947	562.418	563.016	---	---	5
6	---	---	562.867	562.877	561.971	561.688	561.132	561.033	562.330	563.014	---	---	6
7	---	---	562.863	562.876	561.972	561.685	560.952	561.089	562.241	563.008	---	---	7
8	---	---	562.865	562.873	561.976	561.683	560.837	561.151	562.152	563.000	---	---	8
9	---	---	562.866	562.868	561.981	561.651	560.747	561.173E	562.084	562.989	---	---	9
10	---	---	562.867	562.868	561.987	561.644	560.672	561.211E	562.044	562.977	---	---	10
11	---	---	562.866	562.868	562.008	561.645	560.609	561.250E	561.985	562.965	---	---	11
12	---	---	562.864	562.868	561.986	561.683	560.544	561.283E	561.955	562.958	---	---	12
13	---	---	562.861	562.865	561.974	561.712	560.514	561.324E	561.924	562.948	---	---	13
14	---	---	562.864	562.863	561.950	561.734	560.502	561.392E	561.873	562.941	---	---	14
15	---	---	562.864	562.858	561.921	561.757	560.505	561.466E	561.818	562.938	---	---	15
16	---	---	562.863	562.857	561.886	561.775	560.511	561.561E	561.859	562.936	---	---	16
17	---	562.860A	562.864	562.853	561.845	561.809	560.553	561.717E	561.914	562.933	---	---	17
18	---	562.856	562.864	562.851	561.784	561.817	560.609	561.872E	561.957	562.931	---	---	18
19	---	562.858	562.864	562.837	561.727	561.827	560.671	562.003E	562.016	562.927	---	---	19
20	---	562.855	562.865	562.810	561.659	561.825	560.739	562.081E	562.076	562.926	---	---	20
21	---	562.860	562.868	562.805	561.602	561.784	560.801	562.139E	562.157	562.918	---	---	21
22	---	562.856	562.872	562.862	561.518	561.708	560.858	562.200E	562.237	562.922	---	---	22
23	---	562.851	562.873	562.876	561.451	561.609	560.914	562.265	562.326	562.913	---	---	23
24	---	562.851	562.873	562.868	561.380	561.494	560.961	562.338	562.415	562.913	---	---	24
25	---	562.852	562.872	562.856	561.368	561.387	561.002	562.410	562.500	562.911	---	---	25
26	---	562.854	562.873	562.807	561.366	561.226	561.012	562.476	562.588	562.911	---	---	26
27	---	562.856	562.875	562.735	561.368	561.063	560.996	562.538	562.676	562.906	---	---	27
28	---	562.858	562.874	562.636	561.395	560.864	560.952	562.596	562.766	562.898	---	---	28
29	---	562.855	562.871	562.516	561.424	560.483	560.912	562.643	562.857	562.896	---	---	29
30	---		562.870	562.387	561.431	560.308	560.889	562.672	562.950	562.898	---	---	30
31	---		562.868		561.433		560.847	562.697		562.900		---	31
MEAN	---	---	562.865	562.851	561.770	561.522	560.826	561.708	562.285	562.948	---	---	MEAN
MAX	---	---	562.875	562.877	562.272	561.827	561.407	562.697	562.950	563.016	---	---	MAX
MIN	---	---	562.855	562.387	561.366	560.308	560.502	560.631	561.818	562.896	---	---	MIN

SUMMARY FOR THE YEAR 1988

WATER LEVELS IN METRES

MAXIMUM DAILY, 563.016 ON OCT 5
MINIMUM DAILY, 560.308 ON JUN 30
MAXIMUM INSTANTANEOUS,
563.021 AT 19:22 CST ON OCT 4

TYPE OF GAUGE - RECORDING
LOCATION - LAT 51 27 55 N
LONG 106 55 16 W

A - MANUAL GAUGE

E - ESTIMATED

REGULATED SINCE 1988

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

BROKENSHELL CREEK NEAR TROSSACHS - STATION NO. 05JE009

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0	0	0	0	0	0	0	0	---	---	1
2	---	---	0	0	0	0	0	0	0	0	---	---	2
3	---	---	0	0	0	0	0	0	0	0	---	---	3
4	---	---	0	0	0	0	0	0	0	0	---	---	4
5	---	---	0	0	0	0	0	0	0	0	---	---	5
6	---	---	0	0	0	0	0	0	0	0	---	---	6
7	---	---	0	0	0	0	0	0	0	0	---	---	7
8	---	---	0	0	0	0	0	0	0	0	---	---	8
9	---	---	0	0	0	0	0	0	0	0	---	---	9
10	---	---	0	0	0	0	0	0	0	0	---	---	10
11	---	---	0	0	0	0	0	0	0	0	---	---	11
12	---	---	0	0	0	0	0	0	0	0	---	---	12
13	---	---	0	0	0	0	0	0	0	0	---	---	13
14	---	---	0	0	0	0	0	0	0	0	---	---	14
15	---	---	0	0	0	0	0	0	0	0	---	---	15
16	---	---	0	0	0	0	0	0	0	0	---	---	16
17	---	---	0	0	0	0	0	0	0	0	---	---	17
18	---	---	0	0	0	0	0	0	0	0	---	---	18
19	---	---	0	0	0	0	0	0	0	0	---	---	19
20	---	---	0	0	0	0	0	0	0	0	---	---	20
21	---	---	0	0	0	0	0	0	0	0	---	---	21
22	---	---	0	0	0	0	0	0	0	0	---	---	22
23	---	---	0	0	0	0	0	0	0	0	---	---	23
24	---	---	0	0	0	0	0	0	0	0	---	---	24
25	---	---	0	0	0	0	0	0	0	0	---	---	25
26	---	---	0	0	0	0	0	0	0	0	---	---	26
27	---	---	0	0	0	0	0	0	0	0	---	---	27
28	---	---	0	0	0	0	0	0	0	0	---	---	28
29	---	---	0	0	0	0	0	0	0	0	---	---	29
30	---		0	0	0	0	0	0	0	0	---	---	30
31	---		0		0		0	0		0		---	31
TOTAL	---	---	0	0	0	0	0	0	0	0	---	---	TOTAL
MEAN	---	---	0	0	0	0	0	0	0	0	---	---	MEAN
MAX	---	---	0	0	0	0	0	0	0	0	---	---	MAX
MIN	---	---	0	0	0	0	0	0	0	0	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0
MAXIMUM DAILY, 0 ON MAR 1
MINIMUM DAILY, 0 ON MAR 1
MAXIMUM INSTANTANEOUS,
0 AT 00:00 CST ON MAR 1

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 38 55 N
LONG 104 13 07 W
DRAINAGE AREA, 153 km²

REGULATED

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	0
FEB	---	AUG	0
MAR	0	SEP	0
APR	0	OCT	0
MAY	0	NOV	---
JUN	0	DEC	---

TOTAL DISCHARGE, 0 dam³

BUFFALO POUND LAKE AT PUMPING STATION - STATION NO. 05JE006

DAILY WATER LEVEL IN METRES FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	509.277	509.236A	509.236	509.260	509.088	509.387	509.265	509.316	509.468	509.484	509.255	509.262	1
2	509.276	509.237	509.233	509.263	509.086	509.411	509.292	509.336	509.471	509.465	509.275	509.262	2
3	509.275	509.237A	509.233	509.268	509.081	509.388	509.326	509.356	509.463	509.466	509.273	509.263	3
4	509.274	509.237E	509.231	509.270	509.076	509.384	509.283	509.347	509.443	509.431	509.276	509.263	4
5	509.266A	509.237E	509.232	509.272	509.057	509.380	509.293	509.357	509.423	509.444	509.268	509.266	5
6	509.265	509.237E	509.234	509.275	509.093	509.364	509.333	509.365	509.396	509.449	509.239	509.267	6
7	509.268	509.238E	509.236	509.276	509.154	509.410	509.346	509.377	509.475	509.439	509.267	509.264	7
8	509.264	509.238E	509.236	509.276	509.151	509.390	509.333	509.364	509.491	509.449	509.276	509.263	8
9	509.262	509.238E	509.237	509.260A	509.174A	509.412	509.333	509.366	509.406	509.450	509.262	509.262	9
10	509.259	509.238E	509.239	509.260E	509.196	509.372	509.318	509.376	509.394	509.426	509.246	509.256	10
11	509.257	509.238E	509.240	509.278E	509.197	509.415	509.261	509.384	509.426	509.412	509.257	509.262	11
12	509.255	509.236A	509.238	509.268E	509.206	509.383	509.302	509.383	509.428	509.402	509.257	509.264	12
13	509.251	509.243	509.237	509.260E	509.200	509.365	509.336	509.373	509.429	509.408	509.279	509.264	13
14	509.253	509.242	509.236	509.252E	509.230A	509.367	509.315	509.381	509.419	509.408	509.261	509.266	14
15	509.254	509.243	509.237	509.244E	509.210A	509.366	509.336	509.396	509.408	509.411	509.260	509.261	15
16	509.253	509.241	509.231	509.238E	509.210A	509.330	509.340	509.391	509.431	509.382	509.256	509.266	16
17	509.260	509.239	509.231	509.228A	509.210A	509.341	509.335	509.396	509.446	509.367	509.256	509.266	17
18	509.244	509.235	509.232	509.220	509.210A	509.360	509.346	509.355	509.430	509.389	509.257	509.271	18
19	509.243	509.238	509.232	509.212A	509.210A	509.338	509.343	509.423	509.423	509.335	509.259	509.271	19
20	509 241	509.239	509.229	509.218E	509.210A	509.316	509.326	509.404	509.419	509.360	509.263	509.270	20
21	509.243	509.238	509.230	509.210E	509.210A	509.328	509.322	509.436	509.429	509.302	509.264	509.271	21
22	509.242	509.238	509.233	509.194E	509.210A	509.269	509.330	509.461	509.453	509.437	509.260	509.271	22
23	509.246	509.231	509.237	509.188E	509.210A	509.294	509.366	509.469	509.423	509.316	509.261	509.278	23
24	509.242	509.231	509.240	509.207E	509.210A	509.367	509.324	509.466	509.443	509.300	509.263	509.279	24
25	509.235	509.231	509.243	509.177E	509.210A	509.276	509.321	509.461	509.417	509.292	509.263	509.276	25
26	509.242	509.231	509.242	509.170E	509.330	509.162	509.337	509.468	509.466	509.284	509.267	509.276	26
27	509.239	509.231	509.247	509.158E	509.343	509.287	509.322	509.477	509.399	509.326	509.262	509.280	27
28	509.240	509.236	509.258	509.107A	509.384	509.235	509.339	509.465	509.448	509.274	509.262	509.282	28
29	509.242	509.236	509.259	509.083	509.324	509.226	509.341	509.448	509.462	509.256	509.261	509.284	29
30	509.243		509.269	509.078	509.327	509.300	509.326	509.461	509.467	509.280	509.260	509.287	30
31	509.240		509.257		509.401		509.333	509.473		509.270		509.289	31
MEAN	509.253	509.237	509.239	509.223	509.206	509.341	509.325	509.404	509.437	509.378	509.264	509.270	MEAN
MAX	509.278	509.243	509.258	509.280	509.401	509.415	509.366	509.486	509.491	509.465	509.287	509.289	MAX
MIN	509.235	509.231	509.228	509.083	509.057	509.162	509.261	509.316	509.394	509.256	509.239	509.256	MIN

SUMMARY FOR THE YEAR 1988

WATER LEVELS IN METRES

MEAN, 509.298
MAXIMUM DAILY, 509.491 ON SEP 8
MINIMUM DAILY, 509.057 ON MAY 5
MAXIMUM INSTANTANEOUS,
509.829 AT 14:14 CST ON SEP 8

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 35 00 N
LONG 105 23 10 W

A - MANUAL GAUGE

E - ESTIMATED

REGULATED

DRAINAGE AREA,
3 310 km²

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

REMARKS - THE MAXIMUM INSTANTANEOUS WATER LEVEL OCCURRED AS A RESULT OF WIND EFFECT

BURNTOUT BROOK NEAR ARBORFIELD - STATION NO. 05KB005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0B	0 B	0.327	0	0.188	0	0	0	---	---	1
2	---	---	0B	0 B	0.308	0	0.170	0	0	0	---	---	2
3	---	---	0B	0 B	0.233	0	0.178	0	0	0	---	---	3
4	---	---	0B	5.85 B	0.153	0	0.200	0	0	0	---	---	4
5	---	---	0B	12.5 B	0.088	0	0.187	0	0	0	---	---	5
6	---	---	0B	10.1 B	0.045	0	0.137	0	0	0	---	---	6
7	---	---	0B	7.98	0.188	0	0.080	0	0	0	---	---	7
8	---	---	0B	7.04	0.177	0	0.010	0	0	0	---	---	8
9	---	---	0B	4.84	0.093	0	0	0	0	0	---	---	9
10	---	---	0B	4.48	0.056	0	0	0	0	0	---	---	10
11	---	---	0B	5.98	0.047	0	0	0	0	0	---	---	11
12	---	---	0B	5.90	0.078	0	0	0	0	0.020	---	---	12
13	---	---	0B	5.27	0.086	0	0	0	0	0.008	---	---	13
14	---	---	0B	4.18	0.082	0	0	0	0	0.018	---	---	14
15	---	---	0B	3.18	0.058	0	0	0	0	0	---	---	15
16	---	---	0B	2.84	0.071	0	0	0	0	0	---	---	16
17	---	---	0B	2.04	0.048	0	0	0	0	0	---	---	17
18	---	---	0B	1.54	0.022	0	0	0	0	0	---	---	18
19	---	---	0B	1.23	0.088	0	0	0	0	0	---	---	19
20	---	---	0B	1.10	0.071	0	0	0	0	0	---	---	20
21	---	---	0B	0.912	0.032	0	0	0	0	0	---	---	21
22	---	---	0B	0.775	0.012	0	0	0	0	0	---	---	22
23	---	---	0B	0.675	0.001	0	0	0	0	0	---	---	23
24	---	---	0B	0.584	0.003	0	0	0	0	0	---	---	24
25	---	---	0B	0.486	0.006	0	0	0	0	0	---	---	25
26	---	---	0B	0.421	0.001	0	0	0	0	0	---	---	26
27	---	---	0B	0.337	0.078	0	0	0	0	0	---	---	27
28	---	---	0B	0.285	0.032	0	0	0	0	0	---	---	28
29	---	---	0B	0.261	0.018	0.550	0	0	0	0	---	---	29
30	---		0B	0.276	0.003	0.546	0	0	0	0	---	---	30
31	---		0B		0		0	0		0		---	31
TOTAL	---	---	0	92.214	2.456	1.096	1.207	0	0	0.046	---	---	TOTAL
MEAN	---	---	0	3.07	0.079	0.037	0.039	0	0	0.001	---	---	MEAN
MAX	---	---	0	12.5	0.327	0.550	0.200	0	0	0.020	---	---	MAX
MIN	---	---	0	0	0	0	0	0	0	0	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.396
MAXIMUM DAILY, 12.5B ON APR 5
MINIMUM DAILY, 0B ON MAR 1
MAXIMUM INSTANTANEOUS,
15.88 AT 03:03 CST ON APR 5

TYPE OF GAUGE - RECORDING
LOCATION - LAT 53 06 16 N
LONG 103 40 45 W
DRAINAGE AREA, 305 km^2

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	104
FEB	---	AUG	0
MAR	0	SEP	0
APR	7 970	OCT	3.97
MAY	212	NOV	---
JUN	94.7	DEC	---

TOTAL DISCHARGE, 8 390 dam^3

CANDLE LAKE AT CANDLE LAKE - STATION NO. 05KE006

DAILY WATER LEVEL IN METRES FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	484.350E	484.380	484.414	484.427	484.370	484.324	484.320	484.236	---	---	1
2	---	---	484.350E	484.382	484.411	484.428	484.368	484.333	484.320	484.224	---	---	2
3	---	---	484.350E	484.381	484.411	484.428	484.358	484.355	484.316	484.229	---	---	3
4	---	---	484.349A	484.380	484.412	484.420	484.355	484.354	484.314	484.222	---	---	4
5	---	---	484.351	484.381	484.412	484.418	484.363	484.354	484.310	484.226	---	---	5
6	---	---	484.351	484.379	484.407	484.413	484.366	484.354	484.304	484.227	---	---	6
7	---	---	484.354	484.379	484.411	484.405	484.363	484.367	484.308	484.220	---	---	7
8	---	---	484.356	484.378	484.417	484.398	484.355	484.350	484.282	484.222	---	---	8
9	---	---	484.356	484.374	484.428A	484.398	484.347	484.360	484.283	484.223	---	---	9
10	---	---	484.360	484.378	484.432	484.403	484.351	484.356	484.281	484.217	---	---	10
11	---	---	484.361	484.379	484.434	484.390	484.348	484.350	484.278	484.213	---	---	11
12	---	---	484.358	484.378	484.440	484.388	484.342	484.350	484.276	484.213	---	---	12
13	---	---	484.359	484.379	484.445	484.383	484.355	484.350	484.275	484.216	---	---	13
14	---	---	484.362	484.382	484.448	484.377	484.358	484.351	484.273	484.217	---	---	14
15	---	---	484.361	484.385	484.446	484.381	484.364	484.349	484.270	484.218	---	---	15
16	---	---	484.360	484.385	484.460	484.372	484.360	484.342	484.267	484.213	---	---	16
17	---	---	484.359	484.388	484.448	484.376	484.358	484.338	484.263	484.213	---	---	17
18	---	---	484.360	484.389	484.450	484.388	484.357	484.331	484.264	484.210	---	---	18
19	---	---	484.359	484.390	484.450	484.377	484.366	484.340	484.255	484.207	---	---	19
20	---	---	484.363	484.392	484.452	484.380	484.363	484.337	484.254	484.212	---	---	20
21	---	---	484.365	484.394	484.453	484.388	484.362	484.352	484.254	484.200	---	---	21
22	---	---	484.364	484.395	484.454	484.383	484.366	484.352	484.252	484.212	---	---	22
23	---	---	484.363	484.397	484.448	484.372	484.353	484.360	484.249	484.194	---	---	23
24	---	---	484.361	484.398	484.450	484.382	484.349	484.357	484.238	484.194	---	---	24
25	---	---	484.361	484.401	484.454	484.385	484.350	484.352	484.242	484.198A	---	---	25
26	---	---	484.361	484.404	484.480	484.389	484.348	484.352	484.233	484.193E	---	---	26
27	---	---	484.365	484.407	484.451	484.387	484.347	484.338	484.236	484.193E	---	---	27
28	---	---	484.372	484.410	484.452	484.370	484.344	484.343	484.246	484.193E	---	---	28
29	---	---	484.372	484.411	484.446	484.381	484.336	484.336	484.249	484.193E	---	---	29
30	---		484.373	484.414	484.438	484.389	484.331	484.329	484.241	484.193E	---	---	30
31	---		484.378		484.432		484.328	484.325		484.193E		---	31
MEAN	---	---	484.360	484.389	484.437	484.388	484.355	484.347	484.272	484.211	---	---	MEAN
MAX	---	---	484.378	484.414	484.480	484.427	484.370	484.367	484.320	484.236	---	---	MAX
MIN	---	---	484.349	484.374	484.407	484.381	484.328	484.324	484.233	484.193	---	---	MIN

SUMMARY FOR THE YEAR 1988

WATER LEVELS IN METRES

MAXIMUM DAILY, 484.480 ON MAY 26

MAXIMUM INSTANTANEOUS,
484.493 AT 15:17 CST ON MAY 14

TYPE OF GAUGE - RECORDING
LOCATION - LAT 53 46 10 N
LONG 105 16 14 W

A - MANUAL GAUGE

E - ESTIMATED

REGULATED

DRAINAGE AREA,
1 880 km^2

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

REMARKS - THE MAXIMUM INSTANTANEOUS WATER LEVEL OCCURRED AS A RESULT OF WIND EFFECT

CANOE RIVER NEAR BEAUVAL - STATION NO. 06BB005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1986

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	5.36B	3.40B	3.23B	4.08B	15.9	8.80	2.88	5.84	10.5	14.1	12.4B	12.0 B	1
2	5.40B	3.16B	3.13B	6.08B	15.8	8.44	2.78	5.80	10.6	14.0E	12.7B	12.1 B	2
3	5.40B	3.12B	3.00B	7.52B	15.0	8.17	2.74	5.67	10.6	14.0E	12.6B	12.2 B	3
4	5.40B	3.14B	2.87B	7.85B	14.6	7.77	2.83	5.56	10.6	14.0E	12.6B	12.3 B	4
5	5.15B	3.16B	2.81B	8.52B	14.2	7.27	2.83	5.38	10.9	14.0E	12.8B	12.3 B	5
6	5.13B	3.16B	2.82B	8.54B	13.9	6.76	4.66	5.40	11.0	14.0E	12.7B	11.7 B	6
7	5.22B	3.17B	2.88B	9.11B	13.7	6.57	5.00	5.76	11.4	13.9E	12.7B	11.1 B	7
8	5.13B	3.16B	3.06B	9.21B	13.7	6.62	5.10	5.64	11.6	13.9E	12.6B	10.6 B	8
9	4.91B	3.18B	3.34B	9.55B	13.4	6.86	5.84	5.76	12.2	13.9E	12.5B	10.4 B	9
10	4.74B	3.20B	3.84B	9.76B	13.1	6.73	5.88	5.76	12.3	13.9E	12.4B	10.4 B	10
11	4.82B	3.20B	3.95B	11.7 B	12.8	6.42	5.00	5.77	12.4	13.8E	12.4B	10.0 B	11
12	4.52B	3.17B	4.23B	12.7 B	12.6	6.01	4.53	5.66	12.4	13.8E	12.3B	9.92B	12
13	4.40B	3.14B	4.27B	12.2 B	12.5	5.94	5.48	5.64	12.6	13.8E	12.2B	9.70B	13
14	4.80B	3.13B	4.18B	13.0 B	12.2	5.61	6.16	5.76	12.6	13.8E	12.1B	9.47B	14
15	4.56B	3.09B	4.13B	12.9 B	12.0	5.46	7.34	5.73	12.9	13.8E	12.1B	9.92B	15
16	4.67B	3.07B	4.18B	12.7 B	11.9	5.28	7.76	5.75	12.9	13.8E	12.0B	9.49B	16
17	4.70B	3.02B	4.05B	12.3 B	11.8	5.03	7.59	5.64	13.3	13.7E	12.0B	9.43B	17
18	4.80B	3.00B	3.72B	12.8 B	11.7	4.88	7.36	5.67	13.5	13.6E	11.9B	9.40B	18
19	4.54B	3.01B	3.60B	12.9 B	11.5	4.41	7.07	6.59	13.5	13.5E	11.9B	9.50B	19
20	4.65B	3.03B	3.33B	16.6 B	11.0	4.21	6.69	6.89	13.7	13.2E	11.8B	9.57B	20
21	4.86B	3.03B	3.27B	18.6 B	10.6	3.99	6.20	7.85	13.8	13.0E	11.8B	9.60B	21
22	4.83B	3.34B	3.48B	22.0 B	10.5	3.79	5.88	9.43	14.1	12.8B	11.8B	9.58B	22
23	4.63B	3.26B	3.81B	20.6 B	9.81	3.70	5.69	10.4	14.2	12.5B	11.7B	9.75B	23
24	4.77B	2.99B	4.33B	18.0	9.60	3.87	5.75	10.5	14.6	12.2B	11.7B	9.77B	24
25	4.29B	2.84B	4.72B	18.1	9.40	3.41	5.87	10.4	14.4	11.9B	11.7B	9.73B	25
26	3.88B	2.63B	4.62B	15.6	9.38	3.22	5.57	10.2	13.9	11.6B	11.7B	9.58B	26
27	3.67B	2.76B	4.44B	18.1	9.01	3.00	5.63	10.1	13.9	11.1B	11.7B	9.64B	27
28	3.67B	3.02B	4.36B	16.2	8.62	2.86	5.32	9.96	14.1	10.8B	11.7B	9.74B	28
29	3.96B	3.22B	4.35B	15.8	8.24	2.86	5.26	9.90	14.1	10.9B	11.8B	9.70B	29
30	3.79B		4.36B	16.0	7.74	2.89	5.53	9.93	14.1	11.4B	11.9B	9.88B	30
31	3.52B		4.10B		8.25		5.67	10.2		12.0B		9.60B	31
TOTAL	143.82	89.65	116.28	383.30	364.85	160.48	169.94	228.86	383.7	406.6	364.9	300.96	TOTAL
MEAN	4.64	3.09	3.75	12.8	11.8	5.35	5.48	7.38	12.8	13.1	12.2	9.71	MEAN
MAX	5.40	3.40	4.72	22.0	15.9	8.80	7.76	10.5	14.6	14.1	12.8	12.3	MAX
MIN	3.52	2.63	2.81	4.08	7.74	2.86	2.74	5.38	10.5	10.8	11.7	9.40	MIN

SUMMARY FOR THE YEAR 1986

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 8.50
MAXIMUM DAILY, 22.0B ON APR 22
MINIMUM DAILY, 2.63B ON FEB 26
MAXIMUM INSTANTANEOUS,
23.9B AT 17:43 CST ON APR 22

TYPE OF GAUGE - RECORDING
LOCATION - LAT 55 24 20 N
LONG 108 01 40 W
DRAINAGE AREA, 4 730 km²

B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	12 400	JUL	14 700
FEB	7 750	AUG	19 800
MAR	10 000	SEP	33 200
APR	33 100	OCT	35 100
MAY	31 500	NOV	31 500
JUN	13 900	DEC	26 000

TOTAL DISCHARGE, 269 000 dam³

CARROT RIVER NEAR ARMLEY - STATION NO. 05KB003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1986

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0B	0 B	10.9 E	0.608	0.001E	0	0	0	---	---	1
2	---	---	0B	0 B	8.71 A	0.532	0.001E	0	0	0	---	---	2
3	---	---	0B	0 B	7.89	0.466	0.001E	0	0	0	---	---	3
4	---	---	0B	0.002B	7.82	0.384	0.001E	0	0	0	---	---	4
5	---	---	0B	0.012B	7.88 A	0.333	0	0	0	0	---	---	5
6	---	---	0B	0.011B	6.80 E	0.271	0	0	0	0	---	---	6
7	---	---	0B	0.006B	5.80 E	0.206	0	0	0	0	---	---	7
8	---	---	0B	4.34 B	4.80 E	0.165	0	0	0	0	---	---	8
9	---	---	0B	8.56 B	4.40 E	0.128	0	0	0	0	---	---	9
10	---	---	0B	16.5	3.90 E	0.104	0	0	0	0	---	---	10
11	---	---	0B	47.9	3.40 E	0.132	0	0	0	0	---	---	11
12	---	---	0B	97.1	3.10 E	0.081	0	0	0	0	---	---	12
13	---	---	0B	110	2.90 E	0.080	0	0	0	0	---	---	13
14	---	---	0B	124	2.60 E	0.082	0	0	0	0	---	---	14
15	---	---	0B	127	2.45 E	0.084	0	0	0	0	---	---	15
16	---	---	0B	108	2.30 E	0.073	0	0	0	0	---	---	16
17	---	---	0B	88.8	2.10 E	0.062	0	0	0	0	---	---	17
18	---	---	0B	74.7	1.81 A	0.060	0	0	0	0	---	---	18
19	---	---	0B	62.9	1.73	0.051	0	0	0	0	---	---	19
20	---	---	0B	54.7	1.57	0.042	0	0	0	0	---	---	20
21	---	---	0B	46.0	1.48	0.022	0	0	0	0	---	---	21
22	---	---	0B	36.8	1.36	0.009	0	0	0	0	---	---	22
23	---	---	0B	31.5	1.24	0.009	0	0	0	0B	---	---	23
24	---	---	0B	29.5	1.12	0.009	0	0	0	0B	---	---	24
25	---	---	0B	27.5	1.02	0.007	0	0	0	0B	---	---	25
26	---	---	0B	25.5	0.954	0.008	0	0	0	0B	---	---	26
27	---	---	0B	23.6	0.906	0.004	0	0	0	0B	---	---	27
28	---	---	0B	21.6	0.834	0.002	0	0	0	0B	---	---	28
29	---		0B	18.8	0.780	0.003	0	0	0	0B	---	---	29
30	---		0B	14.6 A	0.728	0.001A	0	0	0	0B	---	---	30
31	---		0B		0.668		0	0		0B		---	31
TOTAL	---	---	0	1 201.131	103.671	3.977	0.004	0	0	0	---	---	TOTAL
MEAN	---	---	0	40.0	3.34	0.133	0	0	0	0	---	---	MEAN
MAX	---	---	0	127	10.9	0.608	0.001	0	0	0	---	---	MAX
MIN	---	---	0	0	0.668	0.001	0	0	0	0	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 5.34
MAXIMUM DAILY, 127 ON APR 15
MINIMUM DAILY, 0B ON MAR 1
MAXIMUM INSTANTANEOUS,
132 AT 19:39 CST ON APR 14

TYPE OF GAUGE - RECORDING
LOCATION - LAT 53 08 11 N
LONG 104 01 15 W
DRAINAGE AREA, 4 400 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	0.35
FEB	---	AUG	0
MAR	0	SEP	0
APR	104 000	OCT	0
MAY	8 960	NOV	---
JUN	344	DEC	---

TOTAL DISCHARGE, 113 000 dam³

CARROT RIVER NEAR KINISTINO - STATION NO. 05KA001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0B	0 B	3.81	0.488	0.040	0	0.003	0.001	---	---	1
2	---	---	0B	0 B	3.21	0.410	0.007	0.001	0.004	0	---	---	2
3	---	---	0B	0 B	2.81	0.338	0.003	0	0.003	0	---	---	3
4	---	---	0B	0 B	2.32	0.515	0.001	0	0.003	0	---	---	4
5	---	---	0B	0 B	2.01	0.244	0.001	0	0.003	0	---	---	5
6	---	---	0B	0.044B	1.48	0.179	0.020	0	0.003	0.002	---	---	6
7	---	---	0B	0.362B	0.991	0.177	0.087	0	0.008	0.005	---	---	7
8	---	---	0B	0.697B	1.12	0.188	0.080	0	0.009	0.010	---	---	8
9	---	---	0B	0.854B	1.12	0.188	0.030	0	0.007	0.012	---	---	9
10	---	---	0B	1.17 B	0.898	0.138	0.012	0	0.005	0.015	---	---	10
11	---	---	0B	1.37 B	0.861	0.120	0.002	0	0.004	0.018	---	---	11
12	---	---	0B	1.35	0.880	0.149	0.001	0	0.005	0.002	---	---	12
13	---	---	0B	1.48	0.888	0.087	0.002	0	0	0.002	---	---	13
14	---	---	0B	4.10	0.815	0.070	0.003	0	0	0.005	---	---	14
15	---	---	0B	9.01 B	0.884	0.050	0.013	0.001	0	0.011	---	---	15
16	---	---	0B	8.20	0.853	0.013	0.004	0.003	0	0.001	---	---	16
17	---	---	0B	7.67	0.815	0.005	0.002	0.001	0	0	---	---	17
18	---	---	0B	7.77	0.779	0.001	0.002	0.001	0	0.020	---	---	18
19	---	---	0B	5.93	0.707	0.001	0.002	0.002	0	0.031	---	---	19
20	---	---	0B	5.42	0.888	0.001	0.001	0.001	0	0	---	---	20
21	---	---	0B	3.81	0.885	0.001	0	0.004	0	0	---	---	21
22	---	---	0B	3.21	0.705	0.001	0	0.013	0	0	---	---	22
23	---	---	0B	1.88	0.580	0.001	0	0.011	0	0	---	---	23
24	---	---	0B	1.58	0.748	0.001	0	0.008	0	0	---	---	24
25	---	---	0B	1.31	0.888	0.030	0	0.007	0	0	---	---	25
26	---	---	0B	0.359	0.643	0.006	0	0.002	0	0	---	---	26
27	---	---	0B	0.346	0.883	0.001	0	0.002	0	0.175	---	---	27
28	---	---	0B	0.361	0.888	0.001	0	0.004	0	0.084	---	---	28
29	---	0B	0B	0.402	0.624	0.008	0	0.003	0	0.061	---	---	29
30	---		0B	1.88	0.580	0.088	0	0.004	0.003	0.042	---	---	30
31	---		0B		0.580		0	0.003		0.002A		---	31
TOTAL	---	---	0	75.337	35.643	3.495	0.304	0.073	0.061	0.483	---	---	TOTAL
MEAN	---	---	0	2.51	1.15	0.117	0.010	0.002	0.002	0.016	---	---	MEAN
MAX	---	---	0	9.01	3.81	0.515	0.087	0.013	0.008	0.175	---	---	MAX
MIN	---	---	0	0	0.580	0.001	0	0	0	0	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.471
MAXIMUM DAILY, 9.019 ON APR 15
MINIMUM DAILY, 0B ON MAR 1
MAXIMUM INSTANTANEOUS,
12.6 AT 15:15 CST ON APR 17

TYPE OF GAUGE - RECORDING
LOCATION - LAT 52 58 55 N
LONG 105 00 10 W
DRAINAGE AREA, 1 170 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	26.3
FEB	---	AUG	6.31
MAR	0	SEP	5.27
APR	6 510	OCT	41.7
MAY	3 080	NOV	---
JUN	302	DEC	---

TOTAL DISCHARGE, 9 970 dam³

CARROT RIVER NEAR SMOKY BURN - STATION NO. 05KC001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.524B	0.197B	0.211B	0.188B	29.0	2.27	0.268	0.172	0.765	1.23	0.280	0.289B	1
2	0.426B	0.205B	0.204B	0.219B	25.1	2.05	0.155	0.181	0.669	1.28	0.266	0.277B	2
3	0.377B	0.212B	0.203B	0.232B	20.3	1.67	0.127	0.227	0.462	0.872	0.274	0.273B	3
4	0.476B	0.221B	0.224B	0.276B	16.5	1.71	0.119	0.168	0.546	0.880	0.288	0.279B	4
5	0.469B	0.225B	0.226B	0.416B	14.6	1.58	0.213	0.115	0.427	0.881	0.355	0.284B	5
6	0.389B	0.236B	0.224B	2.50 B	13.4	1.41	0.232	0.084	0.327	0.814	0.362B	0.281B	6
7	0.332B	0.244B	0.223B	5.00 B	13.0	1.18	0.257	0.088	0.240	0.643	0.390B	0.304B	7
8	0.403B	0.251B	0.224B	20.0 B	12.9	1.11	0.227	0.084	0.361	0.405	0.368B	0.408B	8
9	0.484B	0.253B	0.210B	40.0 B	12.5	1.01	0.145	0.076	0.261	0.272	0.359B	0.590B	9
10	0.482B	0.257B	0.214B	80.0 B	12.0	0.773	0.137	0.067	0.183	0.227	0.372B	0.707B	10
11	0.478B	0.259B	0.214B	120 B	10.9	0.739	0.083	0.077	0.378	0.245	0.378B	0.851B	11
12	0.463B	0.262B	0.216B	150 B	9.51	0.670	0.056	0.120	0.735	0.252	0.375B	0.498B	12
13	0.404B	0.265B	0.239B	175 B	6.34	0.594	0.154	0.147	0.417	0.229	0.366B	0.388B	13
14	0.378B	0.261B	0.264B	184	7.83	0.532	0.271	0.142	0.869	0.284	0.377B	0.388B	14
15	0.328B	0.247B	0.281B	204	7.48	0.430	0.306	0.126	0.584	0.302	0.381B	0.381B	15
16	0.284B	0.244B	0.265B	225	6.82	0.323	0.406	0.077	0.229	0.353	0.355B	0.349B	16
17	0.236B	0.237B	0.253B	234	6.38	0.284	0.566	0.081	0.348	0.353	0.330B	0.339B	17
18	0.200B	0.228B	0.250B	228	5.74	0.277	0.614	0.076	0.612	0.347	0.316B	0.321B	18
19	0.156B	0.228B	0.256B	203	5.64	0.237	0.728	0.103	0.686	0.302	0.363B	0.319B	19
20	0.125B	0.225B	0.260B	169	5.16	0.162	0.695	0.141	0.761	0.391	0.420B	0.327B	20
21	0.121B	0.226B	0.260B	127	4.74	0.159	0.526	0.340	0.966	0.376	0.416B	0.337B	21
22	0.133B	0.231B	0.259B	95.5	4.41	0.121	0.408	0.501	0.865	0.366	0.437B	0.346B	22
23	0.129B	0.225B	0.251B	75.0	4.56	0.063	0.350	0.840	0.798	0.362	0.430B	0.357B	23
24	0.128B	0.221B	0.264B	59.8	3.97	0.117	0.313	1.26	0.674	0.363	0.379B	0.360B	24
25	0.123B	0.221B	0.268B	46.2	3.62	0.200	0.285	1.73	0.419	0.398	0.371B	0.415B	25
26	0.131B	0.224B	0.224B	40.7	3.22	0.094	0.237	1.55	0.485	0.387	0.362B	0.435B	26
27	0.144B	0.221B	0.211B	35.6	3.04	0.044	0.184	1.23	0.622	0.355	0.357B	0.446B	27
28	0.148B	0.216B	0.235B	32.3	3.01	0.188	0.177	1.02	0.602	0.366	0.336B	0.440B	28
29	0.155B	0.211B	0.230B	30.8	2.78	0.310	0.157	1.09	0.843	0.331	0.308B	0.492B	29
30	0.165B		0.210B	30.2	2.85	0.278	0.161	1.32	1.12	0.300	0.307B	0.446B	30
31	0.162B		0.201B		2.84		0.174	1.07		0.288		0.407B	31
TOTAL	9.006	6.732	7.224	2 623.741	281.77	20.775	8.775	14.455	16.866	13.764	10.746	12.312	TOTAL
MEAN	0.291	0.232	0.233	87.5	9.09	0.693	0.283	0.466	0.562	0.444	0.358	0.397	MEAN
MAX	0.524	0.262	0.268	234	29.0	2.27	0.728	1.73	1.12	1.28	0.437	0.851	MAX
MIN	0.121	0.197	0.201	0.188	2.84	0.044	0.056	0.067	0.183	0.227	0.266	0.273	MIN

SUMMARY FOR THE YEAR 1988

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 8.27
MAXIMUM DAILY, 234 ON APR 17
MINIMUM DAILY, 0.044 ON JUN 27
MAXIMUM INSTANTANEOUS,
235 AT 11:18 CST ON APR 17

TYPE OF GAUGE - RECORDING
LOCATION - LAT 52 25 00 N
LONG 103 06 30 W
DRAINAGE AREA, 9 250 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	778	JUL	758
FEB	582	AUG	1 250
MAR	624	SEP	1 460
APR	227 000	OCT	1 190
MAY	24 300	NOV	928
JUN	1 790	DEC	1 060

TOTAL DISCHARGE, 262 000 dam³

REMARKS - A CONCRETE LOW LEVEL CROSSING WITH SIX CULVERTS WAS INSTALLED BELOW THE GUAGE IN 1988

CARROT RIVER NEAR TURNBERRY - STATION NO. 05KH007

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	3.02B	1.55B	1.41B	3.31B	123	29.4	2.02	1.53	6.22	4.71	1.87B	1.55 B	1
2	2.88B	1.54B	1.57B	3.81B	122	27.5	1.87	1.52	5.60	4.67	1.86B	1.53 B	2
3	2.86B	1.53B	1.76B	4.02B	120	25.9	1.84	1.50	4.87	4.46	1.84B	1.51 B	3
4	2.68B	1.53B	2.05B	5.12B	116	23.8	1.80	1.46	4.38	4.45	1.84B	1.49 B	4
5	2.57B	1.52B	2.32B	7.46B	113	22.1	1.69	1.42	3.86	4.44	1.83B	1.47 B	5
6	2.49B	1.51B	2.41B	8.87B	111	20.0	1.67	1.36	3.37	4.39	1.82B	1.44 B	6
7	2.43B	1.50B	2.38B	9.14B	108	17.5	1.70	1.42	3.15	4.12	1.81B	1.43 B	7
8	2.32B	1.49B	2.36B	11.0 B	106	15.3	1.68	1.40	2.83	4.03	1.80B	1.40 B	8
9	2.20B	1.49B	2.37B	16.6 B	104	14.0	1.66	1.53	2.89	3.93	1.79B	1.38 B	9
10	2.10B	1.48B	2.36B	24.6 B	101	12.3	1.60	1.56	4.06	3.73	1.77B	1.36 B	10
11	2.01B	1.47B	2.32B	27.1 B	96.8	11.0	1.48	1.46	5.06	3.49	1.76B	1.35 B	11
12	1.94B	1.46B	2.29B	27.5 B	92.6	9.52	1.46	1.40	5.37	3.36	1.75B	1.32 B	12
13	1.85B	1.45B	2.31B	28.2 B	88.6	8.24	1.70	1.34	5.51	3.14	1.74B	1.30 B	13
14	1.76B	1.44B	2.30B	29.6 B	85.2	7.46	2.07	1.22	5.20	2.96	1.73B	1.28 B	14
15	1.72B	1.44B	2.18B	30.7 B	81.5	6.84	2.46	1.17	4.80	2.82	1.72B	1.26 B	15
16	1.69B	1.43B	2.06B	33.2 B	77.3	6.12	3.49	1.11	4.45	2.83	1.71B	1.24 B	16
17	1.68B	1.42B	1.99B	36.0 B	74.5	5.65	4.18	1.12	4.13	2.66	1.70B	1.22 B	17
18	1.68B	1.41B	1.95B	42.4 B	71.0	5.32	4.44	1.10	4.02	2.58	1.69B	1.20 B	18
19	1.67B	1.43B	1.94B	56.0 B	67.6	5.00	4.56	1.15	4.44	2.59	1.68B	1.16 B	19
20	1.66B	1.43B	1.89B	65.6 B	63.6	4.42	4.84	1.15	4.51	2.68	1.67B	1.16 B	20
21	1.65B	1.44B	1.66B	77.4 B	59.6	4.09	5.04	1.36	4.46	2.50	1.66B	1.15 B	21
22	1.64B	1.45B	1.62B	86.4 B	55.7	3.82	4.66	1.49	4.49	2.70	1.65B	1.13 B	22
23	1.63B	1.43B	1.63B	89.6	51.3	3.41	4.33	1.66	4.42	2.55	1.64B	1.12 B	23
24	1.62B	1.41B	1.86B	107	47.6	3.41	3.84	2.45	4.60	2.40	1.63B	1.09 B	24
25	1.61B	1.40B	2.01B	114	44.9	3.27	3.60	2.89	4.38	2.29	1.62B	1.06 B	25
26	1.60B	1.38B	2.19B	117	42.6	3.09	3.42	3.35	4.40	2.09	1.61B	1.06 B	26
27	1.59B	1.37B	2.21B	117	40.2	2.87	3.03	5.14	4.44	1.98B	1.60B	1.05 B	27
28	1.58B	1.35B	2.38B	116	37.6	2.65	2.86	6.22	4.64	1.81	1.59B	1.03 B	28
29	1.58B	1.36B	2.30B	119	35.4	2.31	2.41	8.68	4.74	1.90B	1.58B	1.01 B	29
30	1.57B		2.31B	121	33.0	2.12	2.04	8.06	4.81	1.88B	1.57B	0.983B	30
31	1.56B		2.61B		31.3		1.90	7.17		1.88B		0.970B	31
TOTAL	57.94	42.11	65.72	1 554.13	2 404.4	307.94	84.28	77.38	134.03	95.61	51.60	38.772	TOTAL
MEAN	1.87	1.45	2.12	51.8	77.6	10.3	2.72	2.50	4.47	3.08	1.72	1.25	MEAN
MAX	3.02	1.55	2.61	121	123	29.4	5.04	8.68	6.22	4.71	1.87	1.55	MAX
MIN	1.56	1.35	1.41	3.31	31.3	2.12	1.46	1.10	2.83	1.88	1.57	0.970	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 13.4
MAXIMUM DAILY, 123 ON MAY 1
MINIMUM DAILY, 0.970B ON DEC 31
MAXIMUM INSTANTANEOUS,
124 AT 21:05 CST ON MAY 1

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 53 35 00 N
LONG 102 07 00 W
DRAINAGE AREA, 12 600 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	5 270	JUL	7 280
FEB	3 640	AUG	6 680
MAR	5 660	SEP	11 600
APR	134 000	OCT	8 280
MAY	208 000	NOV	4 460
JUN	26 600	DEC	3 350

TOTAL DISCHARGE, 435 000 dam³

CHIPMAN RIVER ABOVE BLACK LAKE - STATION NO. 07LC002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	6.21	5.67	4.98E	4.67	4.67	17.4	26.8	30.6	20.9	15.5	12.2	13.2	1
2	6.25	5.65	4.96E	4.66	4.66	18.5	26.6	30.2	20.6	15.4	12.1	13.2	2
3	6.15	5.63	4.93E	4.68	4.67	19.7	26.6	29.7	20.1	15.1	11.8	13.0	3
4	6.08	5.62	4.87E	4.70	4.66	20.7	26.4	29.1	19.5	15.1	11.7	13.1	4
5	6.05	5.62	4.87	4.76	4.66	21.6	26.3	28.7	19.2	15.2	11.7	13.1	5
6	6.11	5.56	4.86A	4.76	4.93	22.3	28.9	27.8	19.0A	15.2	11.7	12.9	6
7	6.13	5.56	4.88	4.81	5.10	23.3	29.6	27.4	18.9	15.1	12.1	12.7	7
8	6.07	5.56	4.87	4.83	5.80	24.0	31.6	27.3	19.1	15.1	12.3	12.8	8
9	6.05	5.52	4.85	4.86	6.05	24.6	33.4	27.4	19.1	15.0	12.4	12.6	9
10	5.98	5.50	4.86	4.86A	6.33	24.8	33.8	27.0	19.1	14.7	12.4	12.6	10
11	6.01	5.46	4.86	4.81	6.46	24.9	34.0	26.4	18.7	14.5	12.4	12.7	11
12	6.01A	5.47A	4.84	4.91	6.57	25.5	34.3	25.8	18.5	14.5	12.4	12.7	12
13	5.95	5.43E	4.79A	4.86	6.69	25.6	34.3	25.4	18.5	14.4	12.4	12.4	13
14	5.98	5.40E	4.80A	4.91	6.80	27.1	34.0	25.1	18.1	14.4	12.4	12.2	14
15	6.00	5.35E	4.72A	4.81	6.86	27.4	33.9	24.6	18.0	14.3	12.4	12.2	15
16	6.04	5.28E	4.74	4.89	6.98	27.7	33.8	24.4	18.3	14.0	12.5	12.4	16
17	6.05	5.21A	4.74	4.85	7.13	27.8	34.0	24.0	18.1	13.9	12.6	12.2	17
18	6.05	5.14A	4.80A	4.85	7.37	28.0	34.1	23.6	17.9	13.9	12.5	12.4	18
19	5.99	5.13E	4.87E	4.86	7.64	27.9	34.0	23.3	17.7	13.8	12.3	12.3	19
20	6.00	5.14E	4.86A	4.84	8.52	27.2	34.0	22.9	17.3	13.7	12.4	12.3	20
21	6.05	5.14E	4.89A	4.84	9.63	27.2	34.2	22.9A	17.0	13.8	12.5	12.2	21
22	6.00	5.13E	4.75	4.82	10.5	27.3	34.2	22.8A	16.9	13.7	12.7	12.1	22
23	6.03	5.11E	4.74	4.81	11.1	27.2	33.1	22.9	16.6	13.6	12.7	12.1	23
24	5.95	5.10E	4.72A	4.82	11.6	27.3	32.2	22.7	16.3	13.4	13.0	11.9	24
25	5.94	5.07E	4.69A	4.82	11.8	27.0	32.1	22.8	16.1	13.2	13.0	11.8	25
26	5.85	5.04A	4.69	4.83	12.1	26.9	32.0	22.7	16.0	13.0	13.0	11.8	26
27	5.83	5.06	4.69	4.83	12.5	26.6	31.5	22.6	15.9	12.8	12.9	11.7	27
28	5.87	5.07	4.67A	4.86	13.2	26.5	31.2	22.3	15.8	12.8	13.0	11.6	28
29	5.83	5.01A	4.67	4.84	14.3	26.2	31.1A	22.0	15.7	12.5	13.1	11.4	29
30	5.78		4.65	4.84	15.3	26.1	30.7	21.6	15.6	12.3	13.0	11.3	30
31	5.72		4.66		16.2		30.6	21.2		12.3		11.2	31
TOTAL	186.13	154.69	147.88	144.67	261.84	756.6	980.6	778.6	536.4	435.8	373.7	381.6	TOTAL
MEAN	6.00	5.33	4.77	4.82	8.45	25.2	31.6	25.1	17.9	14.1	12.5	12.3	MEAN
MAX	6.25	5.67	4.98	4.91	16.2	28.0	34.3	30.6	20.9	15.5	13.1	13.2	MAX
MIN	5.72	5.01	4.65	4.66	4.66	17.4	26.3	21.2	15.6	12.3	11.7	11.2	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 14.0
MAXIMUM DAILY, 34.3 ON JUL 12
MINIMUM DAILY, 4.65 ON MAR 30
MAXIMUM INSTANTANEOUS,
34.6 AT 02:07 CST ON JUL 22

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 59 19 10 N
LONG 105 18 10 W
DRAINAGE AREA, 6 680 km²
A - MANUAL GAUGE

E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	16 100	JUL	84 700
FEB	13 400	AUG	67 100
MAR	12 800	SEP	46 500
APR	12 500	OCT	37 700
MAY	22 600	NOV	32 300
JUN	65 300	DEC	33 000

TOTAL DISCHARGE, 444 000 dam³

CHITEK LAKE AT CHITEK VILLAGE - STATION NO. 06AD012

DAILY WATER LEVEL IN METRES FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	---	---	---	---	566.351	566.301	566.268	---	1
2	---	---	---	---	---	---	---	---	566.357	566.299	---	---	2
3	---	---	---	---	---	---	---	---	566.357	566.297	---	---	3
4	---	---	---	---	---	---	---	---	566.361	566.295	---	---	4
5	---	---	---	---	---	---	---	---	566.361	566.293	---	---	5
6	---	---	---	---	---	---	---	---	566.361	566.291	---	---	6
7	---	---	---	---	---	---	---	---	566.361	566.289	---	---	7
8	---	---	---	---	---	---	---	---	566.361	566.287	---	---	8
9	---	---	---	---	---	---	---	---	566.356	566.285	---	---	9
10	---	---	---	---	---	---	---	---	566.351	566.283	---	---	10
11	---	---	---	---	---	---	---	---	566.351	566.281	---	---	11
12	---	---	---	---	566.262	---	---	---	566.351	566.281	---	---	12
13	---	---	---	---	---	---	---	---	566.347	566.281	---	---	13
14	---	---	---	---	---	---	---	---	566.341	566.279	---	---	14
15	---	---	---	---	---	---	---	---	566.336	566.279	---	---	15
16	---	---	---	---	---	---	---	566.271	566.336	566.279	---	---	16
17	---	---	---	---	---	---	---	566.273	566.333	566.277	---	---	17
18	---	---	---	---	---	---	---	566.273	566.333	566.277	---	---	18
19	---	---	---	---	---	---	---	566.303	566.329	566.276	---	---	19
20	---	---	---	---	---	---	---	566.303	566.326	566.276	---	---	20
21	---	---	---	---	---	---	---	566.317	566.321	566.273	---	---	21
22	---	---	---	---	---	---	---	566.321	566.317	566.273	---	---	22
23	---	---	---	---	---	---	---	566.321	566.313	566.271	---	---	23
24	---	---	---	---	---	---	---	566.343	566.309	566.271	---	---	24
25	---	---	---	---	---	---	---	566.343	566.306	566.271	---	---	25
26	---	---	---	---	---	---	---	566.343	566.305	566.271	---	---	26
27	---	---	---	---	---	---	---	566.343	566.306	566.271	---	---	27
28	---	---	---	---	---	---	---	566.351	566.305	566.269	---	---	28
29	---	---	---	---	---	---	---	566.361	566.303	566.268	---	---	29
30	---		---	---	---	---	---	566.351	566.303	566.269	---	---	30
31	---		---		---		---	566.351		566.268		---	31
MEAN	---	---	---	---	---	---	---	---	566.335	566.280	---	---	MEAN
MAX	---	---	---	---	---	---	---	---	566.361	566.301	---	---	MAX
MIN	---	---	---	---	---	---	---	---	566.303	566.268	---	---	MIN

WATER LEVELS IN METRES

SUMMARY FOR THE YEAR 1988

MAXIMUM DAILY, 566.361 ON SEP 4

TYPE OF GAUGE - MANUAL
LOCATION - LAT 53 44 55 N
LONG 107 43 55 W
DATA CONTRIBUTED BY -
SASKATCHEWAN WATER CORPORATION

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

CHRISTOPHER LAKE NEAR CHRISTOPHER LAKE - STATION NO. 05EE009

DAILY WATER LEVEL IN METRES FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	---	514.681	514.643	514.626	514.684E	514.600E	514.561E	---	1
2	---	---	---	---	---	514.679E	514.642E	514.650E	514.659	514.600E	514.562	---	2
3	---	---	---	---	---	514.676	514.641E	514.675	514.656E	514.600	---	---	3
4	---	---	---	---	---	514.675E	514.640	514.671E	514.653E	514.598E	---	---	4
5	---	---	---	---	---	514.673E	514.644E	514.667	514.649	514.592E	---	---	5
6	---	---	---	---	---	514.671	514.648	514.667E	514.652E	514.588E	---	---	6
7	---	---	---	---	---	514.669E	514.643E	514.668E	514.654	514.584	---	---	7
8	---	---	---	---	---	514.667	514.638	514.668	514.653E	514.581E	---	---	8
9	---	---	---	---	514.674	514.669E	514.644E	514.670E	514.651	514.578E	---	---	9
10	---	---	---	---	514.674E	514.671	514.648E	514.671	514.645E	514.576E	---	---	10
11	---	---	---	---	514.673	514.664E	514.654	514.670E	514.636E	514.573E	---	---	11
12	---	---	---	---	514.674E	514.654E	514.665E	514.668	514.632	514.570	---	---	12
13	---	---	---	---	514.673	514.651	514.676	514.668E	514.629E	514.575E	---	---	13
14	---	---	---	---	514.678E	514.646E	514.677E	514.668E	514.627E	514.580	---	---	14
15	---	---	---	---	514.681E	514.641	514.678	514.667	514.624E	514.578E	---	---	15
16	---	---	---	---	514.684	514.639E	514.679E	514.666E	514.622	514.576E	---	---	16
17	---	---	---	---	514.685E	514.637	514.678E	514.665	514.621E	514.575	---	---	17
18	---	---	---	---	514.686	514.638E	514.680	514.658E	514.620E	514.572E	---	---	18
19	---	---	---	---	514.689E	514.640E	514.677E	514.651	514.620	514.570	---	---	19
20	---	---	---	---	514.692	514.641	514.673E	514.670E	514.615E	514.566E	---	---	20
21	---	---	---	---	514.692E	514.641E	514.670E	514.690E	514.610	514.567	---	---	21
22	---	---	---	---	514.693E	514.641E	514.668	514.705	514.605E	514.565E	---	---	22
23	---	---	---	---	514.694	514.642E	514.663E	514.712E	514.600	514.563E	---	---	23
24	---	---	---	---	514.690E	514.642	514.659E	514.715	514.597E	514.561	---	---	24
25	---	---	---	---	514.686	514.642E	514.656	514.694	514.593E	514.561E	---	---	25
26	---	---	---	---	514.686E	514.642E	514.651E	514.688	514.590	514.561	---	---	26
27	---	---	---	---	514.687	514.643	514.648	514.682E	514.595E	514.560E	---	---	27
28	---	---	---	---	514.686E	514.643E	514.645E	514.686E	514.600	514.559	---	---	28
29	---	---	---	---	514.686E	514.644	514.644	514.678	514.600E	514.558E	---	---	29
30	---		---	---	514.686	514.643E	514.638E	514.674E	514.600	514.560E	---	---	30
31	---		---		514.683E		514.632E	514.688		514.561E		---	31
MEAN	---	---	---	---	---	514.654	514.656	514.674	514.628	514.575	---	---	MEAN
MAX	---	---	---	---	---	514.681	514.680	514.715	514.684	514.600	---	---	MAX
MIN	---	---	---	---	---	514.637	514.632	514.626	514.590	514.559	---	---	MIN

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - MANUAL
LOCATION - LAT 53 30 30 N
LONG 105 45 55 W
DATA CONTRIBUTED BY -
SASKATCHEWAN WATER CORPORATION

E - ESTIMATED

REGULATED

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

CHURCHILL LAKE AT BUFFALO NARROWS - STATION NO. 06BA001

DAILY WATER LEVEL IN METRES FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	---	419.384	419.401	419.528	419.582	---	---	---	1
2	---	---	---	---	---	419.388	419.408	419.515	419.576	---	---	---	2
3	---	---	---	---	---	419.402	419.408	419.511	419.570	---	---	---	3
4	---	---	---	---	---	419.403	419.408	419.517	419.568	---	---	---	4
5	419.334	---	---	---	---	419.403	419.413	419.536	419.558	---	---	419.524	5
6	---	---	---	---	---	419.402	419.376	419.538	419.584	---	---	---	6
7	---	---	---	---	---	419.420	419.408	419.521	419.570	---	---	---	7
8	---	---	---	---	---	419.420E	419.438	419.518	419.576	---	---	---	8
9	---	---	---	---	---	419.421	419.483	419.524	419.631	---	---	---	9
10	---	---	---	---	---	419.420	419.458	419.531	---	---	---	---	10
11	---	---	---	---	---	419.411	419.458	419.528	---	---	---	---	11
12	---	---	---	---	---	419.421	419.461	419.522	---	---	---	---	12
13	---	---	---	---	---	419.428	419.471	419.518	---	---	---	---	13
14	419.323	---	---	---	---	419.426E	419.461E	419.500	419.585	---	---	---	14
15	---	---	---	---	---	419.424	419.481	419.511	419.581	---	---	---	15
16	---	---	---	---	---	419.421	419.488	419.511	---	---	---	---	16
17	---	---	---	---	---	419.421	419.476	419.514	---	---	---	---	17
18	---	---	---	---	---	419.426E	419.488	419.508	---	---	---	---	18
19	---	---	---	---	---	419.431E	419.506E	419.514E	419.576	---	---	---	19
20	---	---	---	---	---	419.436	419.513	419.521	---	---	---	---	20
21	---	---	419.288	---	---	419.411	419.515	419.551	---	---	---	---	21
22	---	---	---	---	---	419.408	419.521	419.561	---	---	---	---	22
23	---	---	---	---	---	419.412	419.521	419.581	---	---	---	---	23
24	---	---	---	---	---	419.416	419.524	419.558	---	---	---	---	24
25	---	---	---	---	419.333	419.413	419.528	419.580	---	---	---	---	25
26	---	---	---	---	419.331	419.416	419.521	419.571	419.558	---	---	---	26
27	---	---	---	---	419.331	419.410	419.526	419.564	419.560E	419.522	---	---	27
28	---	---	---	---	419.331	419.406	419.536	419.556	419.562	419.532	---	---	28
29	---	---	---	---	419.331	419.384	419.526	419.561	419.559	---	---	---	29
30	---		---	---	419.345	419.398	419.518	419.573	---	---	---	---	30
31	---		---		419.385		419.523	419.577		---		---	31
MEAN	---	---	---	---	---	419.413	419.474	419.536	---	---	---	---	MEAN
MAX	---	---	---	---	---	419.436	419.536	419.581	---	---	---	---	MAX
MIN	---	---	---	---	---	419.384	419.376	419.500	---	---	---	---	MIN

SUMMARY FOR THE YEAR 1988

WATER LEVELS IN METRES

MAXIMUM DAILY, 419.631 ON SEP 9
MINIMUM DAILY, 419.288 ON MAR 21

TYPE OF GAUGE - MANUAL
LOCATION - LAT 55 51 22 N
LONG 108 28 27 W

E - ESTIMATED

REGULATED

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

CHURCHILL RIVER ABOVE MAPLE LEAF RAPIDS - STATION NO. 06EA010

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	735	746	691A	697	661	698	551	587	704	618E	536E	604E	1
2	737	746	704A	701	656	665	567	587	710	620E	560E	608E	2
3	731	743	709	683	642	672	548	663	710	615E	550E	556E	3
4	726	742	711	675	656	673	535	642	711	608E	615E	554E	4
5	724	741A	712	686	667	636	533	671	710	650E	590E	594E	5
6	726	738A	713	689	675	614	571	669	707	657E	584E	572E	6
7	725	737A	712	688	671	645	528	611	703	640E	583E	577E	7
8	725	734A	713	671	681	651	504	680	702	667E	590E	581E	8
9	728	732	713	654	670	619	498	621	702	657E	607E	588E	9
10	728	733	711A	637	684	694	487	670	704	664E	603E	606E	10
11	728	733	707A	644	703	647	483	683	706	653E	603E	563E	11
12	731	731	705	646	707	624	490	676	709	590E	612E	532E	12
13	736	730	702A	638	708	658	488	674	704	668E	590E	582E	13
14	728	729A	698A	606	687	646	428	675	704	660E	605E	582E	14
15	736	728A	695A	588	665	646	440	678	704	575E	600E	544E	15
16	726	728	695A	581	655	667	408	687	703	576E	611E	675E	16
17	725	726	694A	580	662	656	391	684	705	595E	606E	590E	17
18	726	724A	692	567	686	650	382	691	705	636E	601E	590E	18
19	730	723A	695A	563	708	682	377	699	705	650E	608E	617E	19
20	735	722	700A	528	708	644	372	705	706	656E	608E	641E	20
21	746	722A	718A	545	710	637	370	707	708	644E	587E	594E	21
22	758	722A	718	567	712	640	422	704	715	595E	603E	563E	22
23	763	722A	720	572	713	638	451	700	709	653E	609E	518E	23
24	766	722	707A	528	704	636	473	685	705	576E	581E	520E	24
25	769	722A	716A	520	709	660	484	676	704	625E	567E	518E	25
26	768	721A	721	570	706	640	501	658	708	657E	566E	528E	26
27	768	720A	724	588	708	634	527	713	706	648E	561E	556E	27
28	751A	718A	725	538	706	626	550	716	671	670E	534E	528E	28
29	750A	690A	725	545	687	616	564	716	645	602E	573E	575E	29
30	748		719	537	677	592	570	709	634	543E	577E	560E	30
31	760		713		683		581	701		516E		555E	31
TOTAL	22 684	21 130	21 868	18 351	21 284	19 384	15 156	20 866	21 013	18 804	17 583	18 072	TOTAL
MEAN	739	729	705	613	687	646	489	674	700	607	586	583	MEAN
MAX	769	746	725	701	713	698	581	716	715	670	615	675	MAX
MIN	724	690	691	520	642	592	370	587	634	516	534	518	MIN

SUMMARY FOR THE YEAR 1988

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 665
MAXIMUM DAILY, 769 ON JAN 25
MINIMUM DAILY, 370 ON JUL 21
MAXIMUM INSTANTANEOUS,
770 AT 17:59 CST ON JAN 25

TYPE OF GAUGE - RECORDING
LOCATION - LAT 55 26 16 N
LONG 102 13 03 W
DRAINAGE AREA, 212 000 km²
A - MANUAL GAUGE

E - ESTIMATED
REGULATED SINCE 1926

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	1 960 000	JUL	1 310 000
FEB	1 830 000	AUG	1 800 000
MAR	1 890 000	SEP	1 820 000
APR	1 590 000	OCT	1 620 000
MAY	1 840 000	NOV	1 520 000
JUN	1 670 000	DEC	1 560 000

TOTAL DISCHARGE, 20 400 000 dam³

CHURCHILL RIVER ABOVE OTTER RAPIDS - STATION NO. 06CD002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	160	145	139	138	144	186	202	221	217	207	194	195	1
2	160	145	139	138	145	186	202	221	215	205	194	195	2
3	158	145	139	138	146	189	203	222	214	205	195	194	3
4	158	145	138	137	146	191	204	222	214	204	194	194	4
5	158	144	138	137	147	192	204	222	213	205	194	194	5
6	157	144	138	137	148	192	204	222	212	204	195	194	6
7	156	143	138	137	149	191	204	225	215	204	196	193	7
8	156	143	138	136	150	192	205	225	222	203	198	192	8
9	156	143	137	136	151	193	203	224	225	204	200	191	9
10	156	142	137	136	152	194	201	225	224	202	200	190	10
11	155	142	137	138	153	195	201	225	224	202	200	191	11
12	155	142	137	139	154	195	201	224	224	201	200	192	12
13	155	141	137	140	155	196	201	224	224	201	200	190	13
14	155	140	137	139	155	196	202	223	221	201	200	188	14
15	155	140	137	139	155	197	205	222	220	202	200	188	15
16	155	140	137	140	158	198	210	220	218	201	200	191	16
17	155	140	136	139	158	200	213	218	218	200	200	190	17
18	154	140	136	139	160	203	216	217	215	200	200	190	18
19	154	140	135	139	161	205	218	216	214	200	199	191	19
20	154	140	135	139	163	206	220	215	212	200	198	190	20
21	152	140	134	139	165	208	221	215	211	199	198	190	21
22	151	140	134	139	165	204	222	215	212	198	198	190	22
23	150	140	134	139	167	204	223	219	211	198	197	189	23
24	150	140	134	139	168	205	222	220	210	198	196	188	24
25	150	140	134	139	171	206	222	221	208	197	196	187	25
26	149	140	134	140	172	205	222	222	208	195	197	186	26
27	149	139	134	141	174	205	223	221	207	196	197	185	27
28	149	139	135	141	176	204	222	220	207	195	196	185	28
29	148	139	135	142	178	203	221	219	207	194	196	184	29
30	148		135	144	180	203	221	218	207	194	195	184	30
31	148		135		182		221	217		194		185	31
TOTAL	4 784	4 102	4 224	4 166	4 847	5 644	6 561	6 842	6 446	6 212	5 930	5 888	TOTAL
MEAN	154	141	136	139	156	188	212	221	215	200	198	190	MEAN
MAX	160	145	139	144	182	208	223	225	225	207	200	195	MAX
MIN	148	139	134	136	144	186	201	215	207	194	194	184	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 180
MAXIMUM DAILY, 225 ON AUG 7
MINIMUM DAILY, 134 ON MAR 21
MAXIMUM INSTANTANEOUS,
226 AT 17:14 CST ON AUG 10

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 55 38 47 N
LONG 104 44 05 W
DRAINAGE AREA, 119 000 km²

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	412 000	JUL	567 000
FEB	354 000	AUG	591 000
MAR	365 000	SEP	557 000
APR	360 000	OCT	537 000
MAY	427 000	NOV	512 000
JUN	514 000	DEC	509 000

TOTAL DISCHARGE, 5 710 000 dam³

CHURCHILL RIVER ABOVE WINTEGO RAPIDS - STATION NO. 06EA011

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	783	764	732	688	559E	598	555	668	731	632	604	602	1
2	783	752	718	690	567E	598A	544	671	732	632	604	635	2
3	780	751	718	619E	574E	597A	547	674	730	631	605	627	3
4	782E	749	722	602E	587E	597	544	676	727	628	606	612	4
5	784E	748	738	592E	594E	603	540	675	724	623	605	620	5
6	788E	748	730	588E	598E	611	540	677	719	622	604	615	6
7	788E	748	738	584E	601E	621A	537	680	716	623	607	585	7
8	790A	743	760	579E	602E	630A	532	681	728	622	610	575	8
9	786	742	757	578E	600E	637	521	687	735	621	612	583	9
10	783	741	725	579E	601E	643	508	690	734	623	612	581	10
11	782	743	707	581E	603E	647	488	693	732	620	608	605	11
12	779	743	703	579E	607E	654	465	691	729	615	607	621	12
13	778	743	701	576E	609E	658	447	688	727	612	607	631	13
14	780	740	701	577E	608E	659	437	690	727	613	609	607	14
15	779	744	700	574E	610E	661	428	697	724	614	609	592	15
16	777	742	698	571E	612E	660	431	702	721	614	609	601	16
17	774	753	688	572E	616E	658	442	708	721	613	609	612	17
18	773	748	684	572E	619E	661	468	713	723	612	606	619	18
19	772	733	692	570E	617E	665	488	716	715	611	602	621	19
20	776	734	681	568E	622E	665	506	719	702	610	604	607	20
21	772	735	691	567E	628E	662	520	725	687	612	609	603	21
22	768	730	693	565E	622E	662	526	740	674	609	606	601	22
23	769	728	694	563E	603E	660	537	753	666	613	606	593	23
24	761	730	689	561E	585E	658	546	758	659	614	612	592	24
25	760	733	684	558E	583E	661	551	768	652	613	610	589	25
26	760	751	684	559E	582E	658	580	758	645	610	597	584	26
27	760	751	683	558E	580E	641	603	753	639	608	590	585	27
28	758	749	683	558E	587E	619	622	749	628	610	586	585	28
29	761	724	683	557E	588E	595	638	742	623	607	601	611	29
30	756		681	558E	595E	572	652	738	630	603	598	626	30
31	758		684		600E		661	732		604		623	31
TOTAL	24 000	21 530	21 880	17 444	18 565	19 111	16 413	22 018	21 019	19 083	18 156	18 776	TOTAL
MEAN	774	742	706	581	599	637	529	710	701	615	605	606	MEAN
MAX	790	764	760	690	628	665	661	768	735	632	612	635	MAX
MIN	756	724	681	556	559	572	428	668	630	603	586	563	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 660
MAXIMUM DAILY, 790A ON JAN 8
MINIMUM DAILY, 428 ON JUL 15

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 55 34 30 N
LONG 102 43 48 W
DRAINAGE AREA, 210 000 km²
A - MANUAL GAUGE

E - ESTIMATED
REGULATED SINCE 1929

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	2 070 000	JUL	1 420 000
FEB	1 860 000	AUG	1 900 000
MAR	1 890 000	SEP	1 820 000
APR	1 510 000	OCT	1 650 000
MAY	1 600 000	NOV	1 570 000
JUN	1 650 000	DEC	1 620 000

TOTAL DISCHARGE, 20 800 000 dam³

REMARKS - DATA QUALITY JANUARY 1 TO JUNE 10 CONSIDERED FAIR TO POOR DUE TO EQUIPMENT PROBLEMS

CHURCHILL RIVER AT SANDY BAY - STATION NO. 06EA002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1986

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	764	775	704	702	653	698	563	683	711	619	636	594	1
2	755	774	727	728	652	676	577	603	718	620	590	586	2
3	747	769	732	703	618	663	557	685	719	615	560	555	3
4	748	766	735	670	630	659	546	632	720	606	615	554	4
5	760	764	735	657	625	601	560	676	716	660	590	594	5
6	752	762	735	706	667	604	561	624	712	667	584	572	6
7	753	759	735	604	647	635	537	685	705	640	583	577	7
8	756	753	735	684	626	629	519	662	704	667	590	581	8
9	759	762	734	640	654	602	519	616	707	567	607	586	9
10	759	761	729	617	699	646	518	679	706	584	603	585	10
11	762	750	724	637	710	632	515	707	709	582	603	583	11
12	765	749	721	635	714	609	513	683	707	590	612	562	12
13	770	747	717	624	715	649	513	671	707	568	596	562	13
14	766	747	710	592	675	621	504	672	708	560	605	562	14
15	760	745	706	563	631	636	438	676	707	575	606	644	15
16	756	744	707	579	634	650	404	594	705	575	611	675E	16
17	755	745	708	584	676	644	391	703	708	595	605	590	17
18	754	744	706	584	700	638	384	705	708	626	601	596	18
19	761	746	714	590	713	687	381	708	709	650	588	617	19
20	769	743	737	539	717	619	376	717	710	656	595	641	20
21	780	743	743	573	717	624	393	718	715	644	607	594	21
22	808	742	748	597	723	628	484	706	723	595	603	593	22
23	815	743	747	574	723	625	479	689	712	553	595	615E	23
24	819	743	718	542	712	627	510	671	708	575	581	620E	24
25	820	765	740	552	714	630	528	686	705	625	567	618E	25
26	805	768	753	599	714	628	531	708	711	657	585	629E	26
27	784	744	757	591	714	624	557	724	702	646	561	655E	27
28	777	743	758	649	712	617	571	728	641	670	534	625E	28
29	774	684	755	598	674	605	571	728	612	602	573	675E	29
30	774		745	641	661	590	584	707	613	543	577	660E	30
31	775		728		698		580	701		515		658E	31
TOTAL	23 908	21 718	22 643	18 471	21 126	19 007	15 641	20 949	21 047	18 804	17 583	18 073	TOTAL
MEAN	771	749	730	616	681	634	505	676	702	607	586	583	MEAN
MAX	820	775	758	728	723	698	584	728	723	670	615	675	MAX
MIN	747	684	704	539	618	590	376	583	612	515	534	515	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 653
MAXIMUM DAILY, 820 ON JAN 25
MINIMUM DAILY, 376 ON JUL 20
MAXIMUM INSTANTANEOUS,
823 AT 15:47 CST ON JAN 25

SUMMARY FOR THE YEAR 1986

TYPE OF GAUGE - RECORDING
LOCATION - LAT 55 31 24 N
LONG 102 19 05 W
DRAINAGE AREA, 212 000 km²

E - ESTIMATED
REGULATED SINCE 1928

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	2 070 000	JUL	1 350 000
FEB	1 880 000	AUG	1 810 000
MAR	1 960 000	SEP	1 820 000
APR	1 600 000	OCT	1 620 000
MAY	1 830 000	NOV	1 520 000
JUN	1 640 000	DEC	1 560 000

TOTAL DISCHARGE, 20 700 000 dam³

CHURCHILL RIVER NEAR PATUANAK - STATION NO. 06BB003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1986

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	75.8	74.2	73.1	69.4	75.5	84.2	94.0E	103	118A	111	101	104 A	1
2	77.2	75.2A	72.4	68.9	76.0	81.4	95.0E	102	112A	108	106	104 A	2
3	76.1	74.3	71.6	67.6	76.7	83.9	95.0E	103	114	108	103 A	104 A	3
4	74.7	74.6	71.1	70.2	78.4	86.2	96.0E	102	112	104	102	103	4
5	73.3	75.2A	71.2	69.5	75.3	83.1	97.0E	103 A	109	106	106	104 A	5
6	74.6	74.5	71.0	67.8	75.8	84.1	97.0E	98.4	111	106	98.8A	105	6
7	76.3A	75.5	70.3	68.4	77.5	85.4	97.0E	103	122A	106	114 A	104	7
8	74.4A	76.1	69.7A	70.9	77.7	84.2	94.0E	101 A	131A	109	114 A	101	8
9	74.8A	74.7	70.2A	70.1	78.7	87.0	92.0E	99.6	123A	111	110 A	101 A	9
10	74.5A	74.4	70.7	68.6	78.0A	86.5	90.0E	103 A	113A	106	106 A	99.9	10
11	75.0A	74.1	69.1	70.0	78.6	89.2	89.0E	98.3A	110	101 A	103 A	102	11
12	74.3A	73.9	68.8A	70.3	79.1A	90.0A	89.0E	97.9	113A	101 A	104 A	103	12
13	71.6A	73.6A	66.9	68.7	77.0	90.0E	90.6A	98.6	113A	102 A	106 A	102	13
14	73.4	72.8	69.3A	67.9	74.8	91.0E	90.6	97.8	110	104 A	108 A	102	14
15	73.3A	72.3	70.2A	68.3	77.0	92.0E	95.4	97.7	110A	110	105 A	101 A	15
16	74.3A	74.5	69.6	70.1	77.9	92.0E	95.1	94.2A	111A	107	105 A	102	16
17	72.9A	72.5	70.7	69.8	77.0	93.0E	97.4	93.1	113A	108	106 A	99.6	17
18	72.9	73.8A	70.1	69.3	81.1	94.0E	98.5	90.9A	110	108	108 A	100 A	18
19	72.0A	73.8A	69.1	69.0	78.5	97.0E	98.5	89.9	105A	104 A	103 A	106 A	19
20	71.7A	73.6	69.2A	69.0	78.7	98.0E	98.3	94.0A	107A	110	102	102 A	20
21	74.1A	73.0	70.2A	70.0	78.7	97.0E	97.8	94.0A	105	102	103 A	102 A	21
22	73.0A	75.4	71.4	69.8	77.6A	98.0E	101	110 A	113	112	103 A	100	22
23	73.2A	73.4A	69.9	71.2	68.2A	98.0E	105 A	109 A	112	107	103 A	100	23
24	73.7A	70.5A	70.1	71.9	75.6	97.0E	101	113 A	111	101 A	105	101	24
25	73.0	71.8A	69.8	72.0	78.9A	97.0E	100	110 A	107	101 A	105 A	100 A	25
26	74.2	72.4A	67.1	72.6	78.5A	97.0E	102	109 A	108	94.7A	108 A	99.3A	26
27	73.1A	71.8A	67.9	72.7	75.7A	97.0E	102	111 A	103	106 A	104 A	102	27
28	74.7A	72.6	70.1	73.2	79.2A	96.0E	99.8	108	106	105 A	102 A	100 A	28
29	75.6A	72.3	70.1	73.4	74.1	94.0E	99.8	107	111	103 A	103 A	97.8	29
30	74.7A		69.6	74.3	71.8	94.0E	100	110 A	116	101 A	102 A	97.9	30
31	75.4		67.3		80.8A		107	117 A		104 A		96.1	31
TOTAL	2 298.0	2 136.0	2 170.0	2 104.8	2 389.6	2 735.2	3 008.8	3 170.4	3 380	3 281.7	3 137.8	3 148.7	TOTAL
MEAN	74.1	73.7	70.0	70.2	77.1	91.2	97.0	102	112	106	106	102	MEAN
MAX	77.2	75.5	73.1	74.3	81.1	98.0	107	117	131	112	114	106	MAX
MIN	71.6	70.5	67.1	67.6	68.2	81.4	89.0	89.9	103	94.7	98.8	97.8	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 89.8
MAXIMUM DAILY, 131A ON SEP 8
MINIMUM DAILY, 67.1 ON MAR 26
MAXIMUM INSTANTANEOUS,
136A AT 22:05 CST ON SEP 8

SUMMARY FOR THE YEAR 1986

TYPE OF GAUGE - RECORDING
LOCATION - LAT 55 55 30 N
LONG 107 43 40 W
DRAINAGE AREA, 78 700 km²
A - MANUAL GAUGE

E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	199 000	JUL	260 000
FEB	185 000	AUG	274 000
MAR	187 000	SEP	290 000
APR	182 000	OCT	282 000
MAY	206 000	NOV	271 000
JUN	236 000	DEC	272 000

TOTAL DISCHARGE, 2 840 000 dam³

REMARKS - THE MAXIMUM INSTANTANEOUS DISCHARGE OCCURRED AS A RESULT OF WIND ON LAC ILLE A LA CROSSE

CLEARWATER RIVER AT OUTLET OF LLOYD LAKE - STATION NO. 07CD005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1986

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	17.4	15.0	14.7	15.7	25.2	36.8	32.3	32.5	30.7	27.8	23.6	24.5	1
2	17.8	15.1	14.4	15.7	26.5	37.3	32.1	32.1	30.0	27.6	24.0	24.5	2
3	17.3	15.0	14.4	15.9	27.8	37.1	31.8	32.4	29.6	26.8	23.9	24.4	3
4	17.0	14.9	14.6	16.2	28.8	37.0	31.9	32.1	29.0	26.5	23.4	24.4	4
5	16.8	14.8	14.8	16.3	28.4	37.3	31.0	32.3	28.6	26.4	23.4	24.7	5
6	17.2	14.9	14.8	16.2	30.6	37.0	30.6	31.3	28.5	26.6	23.4	24.6	6
7	17.2	14.8	14.6	16.3	31.5	36.5	35.6	31.7	32.1	26.5	24.6	24.4	7
8	17.0	14.7	14.6	16.5	32.4	36.7	36.8	30.8	34.2	27.6	24.3	24.1	8
9	17.0	14.4	14.7	16.5	32.7	36.6	33.5	31.1	30.0	26.8	23.8	23.9	9
10	16.8	14.3	14.7	16.4	33.4	37.0	33.7	31.0	28.5	26.8	23.7	23.9	10
11	16.7	14.5	14.6	16.7	34.2	35.5	33.1	30.4	27.9	26.1	23.5	24.3	11
12	16.5	14.7	14.5	16.6	34.8	37.6	33.3	30.1	28.4	25.6	23.4	24.5	12
13	16.3	14.6	14.5	16.4	34.6	36.5	31.8	30.1	28.5	26.8	23.4	24.3	13
14	16.4	14.6	14.9	16.3	35.0	36.5	33.5	30.8	27.6	27.1	23.2	23.6	14
15	16.4	14.9	14.7	16.7	36.3	36.1	33.8	30.0	28.3	26.8	23.2	23.8	15
16	16.4	14.8	14.8	16.7	36.5	36.1	35.0	28.8	29.2	26.5	23.4	23.8	16
17	16.1	15.0	14.7	16.5	37.9	36.1	35.0	28.4	28.5	27.0	23.6	23.7	17
18	16.1	14.8	14.7	16.6	37.7	36.2	35.9	27.8	27.4	27.0	23.8	23.9	18
19	15.9	14.7	14.7	16.6	37.4	37.6	34.3	28.2	27.1	26.1	23.5	24.0	19
20	15.6	14.7	14.8	16.9	37.6	36.2	34.0	28.4	27.2	27.0	23.8	23.6	20
21	16.0	15.0	15.1	17.0	37.3	34.2	33.7	29.0	27.3	25.9	23.8	23.5	21
22	15.7	15.1	15.1	17.2	34.7	32.8	34.6	31.6	28.2	26.1	23.8	23.4	22
23	16.0	14.8	15.2	17.5	35.8	32.1	36.6	31.5	28.9	26.3	24.2	23.3	23
24	15.8	14.5	15.2	17.8	37.7	32.0	33.4	32.0	28.9	26.3	24.5	23.1	24
25	15.5	14.7	15.1	18.1	37.3	33.0	33.6	30.6	27.4	26.0	24.5	22.7	25
26	15.9	14.8	15.1	18.8	36.7	32.1	34.8	31.2	27.3	26.0	24.5	22.7	26
27	15.7	14.6	15.3	19.5	36.6	32.2	33.0	30.0	28.6	26.2	24.0	22.6	27
28	15.6	14.7	15.3	20.5	35.9	31.2	33.1	29.0	27.2	25.2	24.9	22.3	28
29	15.5	14.6	15.3	22.4	34.7	31.1	32.8	28.7	29.6	24.8	24.3	22.3	29
30	15.5		15.2	23.9	36.8	31.0	33.1	29.2	29.4	24.2	24.1	22.2	30
31	15.3		15.1		37.7		34.0	31.6		24.4		22.2	31
TOTAL	505.0	427.6	459.3	521.0	1 061.1	1 055.7	1 042.0	944.6	866.7	822.6	715.0	733.6	TOTAL
MEAN	16.3	14.8	14.8	17.4	34.2	35.2	33.6	30.5	28.9	26.5	23.8	23.7	MEAN
MAX	17.8	15.1	15.3	23.9	37.9	37.3	36.8	32.5	34.2	28.1	24.9	24.7	MAX
MIN	15.3	14.3	14.4	15.7	25.2	31.0	30.6	27.8	26.6	24.2	23.2	22.2	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 26.0
MAXIMUM DAILY, 37.9 ON MAY 17
MINIMUM DAILY, 14.3 ON FEB 10
MAXIMUM INSTANTANEOUS,
41.4 AT 02:45 CST ON MAY 18

SUMMARY FOR THE YEAR 1986

TYPE OF GAUGE - RECORDING
LOCATION - LAT 57 19 50 N
LONG 108 45 50 W
DRAINAGE AREA, 4 350 km²

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	43 700	JUL	90 000
FEB	37 000	AUG	81 800
MAR	39 700	SEP	74 800
APR	45 000	OCT	71 100
MAY	91 700	NOV	61 800
JUN	91 200	DEC	63 400

TOTAL DISCHARGE, 781 000 dam³

NATURAL FLOW

REMARKS - THE MAXIMUM INSTANTANEOUS DISCHARGE OCCURRED AS A RESULT OF WIND ON LLOYD LAKE

CODETTE RESERVOIR ABOVE THE SPILLWAY - STATION NO. 05KD005

DAILY WATER LEVEL IN METRES FOR 1986

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	347.723	347.676	347.770	347.213	347.439	347.514	347.678	347.643	347.869	347.617	347.888	347.748	1
2	347.786	347.498	347.624	347.201	347.710	347.259	347.732	347.784	347.157	347.743	347.470	347.848	2
3	347.673	347.336	347.458	347.366	347.869	347.080	347.830	347.685	347.188	347.616	347.282	347.687	3
4	347.898	347.284	347.220	347.776	347.707	347.100	347.627	347.582	347.418	347.770	347.202	347.787	4
5	347.843	347.281	347.340	347.939	347.558	347.305	347.871	347.279	347.713	347.733	347.580	347.866	5
6	347.855A	347.609	347.672	347.904	347.387	347.241	347.551	347.183	347.788	347.617	347.788	347.899	6
7	347.759A	347.689	347.621	347.891	347.387	347.113	347.522	347.647	347.485	347.380	347.875	347.647	7
8	347.516	347.653	347.716	347.828	347.686	347.275	347.443	347.643	347.325	347.352	347.704	347.448	8
9	347.469	347.719	347.551	347.329	347.621	347.446	347.622	347.588	347.284	347.490	347.564	347.220	9
10	347.809	347.511	347.334	347.405	347.585	347.324	347.749	347.384	347.461	347.685	347.271	347.339	10
11	347.925	347.310	347.205	347.347	347.330	347.207	347.847	347.455	347.889	347.615	347.327	347.733	11
12	347.611	347.305	347.241	346.789	347.210	347.884	347.791	347.498	347.852	347.868	347.917	347.925	12
13	347.800	347.604	347.599	346.374	347.196	347.882	347.737	347.476	347.595	347.560	347.938	347.780	13
14	347.497	347.785	347.657	346.108	347.247	347.797	347.514	347.733	347.683	347.238	347.625	347.521	14
15	347.416	347.615	347.766	346.156	347.732	347.570	347.264	347.743	347.639	347.367	347.641	347.287	15
16	347.316	347.611	347.626	346.413	347.941	347.325	347.233	347.578	347.623	347.710	347.498	347.380	16
17	347.879	347.559	347.449	346.826	347.712	347.081	347.512	347.743	347.488	347.621	347.414	347.703	17
18	347.922	347.460	347.280	347.577	347.480	347.184	347.845	347.786	347.728	347.621	347.438	347.902	18
19	347.833	347.248	347.352	347.641	347.336	347.352	347.823	347.670	347.626	347.428	347.601	347.871	19
20	347.460	347.468	347.776	347.731	347.185	347.785	347.854	347.749	347.658	347.347	347.622	347.557	20
21	347.412	347.792	347.832	347.576	347.335	347.882	347.365	347.852	347.508	347.261	347.917	347.380	21
22	347.272	347.830	347.836	347.337	347.737	347.868	347.171	347.884	347.418	347.440	347.784	347.253	22
23	347.513	347.519	347.703	347.277	347.947	347.539	347.342	347.733	347.308	347.868	347.700	347.178	23
24	347.679	347.402	347.516	347.452	347.641	347.417	347.886	347.352	347.302	347.780	347.907	347.332	24
25	347.723	347.391	347.283	347.439	347.782	347.466	347.798	347.272	347.514	347.587	347.830	347.487	25
26	347.686	347.398	347.482	347.698	347.734	347.714	347.677	347.246	347.885	347.599	347.787	347.623	26
27	347.682	347.469	347.821	347.662	347.378	347.655	347.636	347.313	347.728	347.431	347.912	347.881	27
28	347.624	347.755	347.880	347.424	347.288	347.340	347.256	347.622	347.574	347.230	347.914	347.514	28
29	347.576	347.975	347.626	347.237	347.586	347.325	347.183	347.637	347.397	347.270	347.683	347.588	29
30	347.519		347.482	347.292	347.671	347.626	347.248	347.806	347.286	347.853	347.778	347.288	30
31	347.616		347.213		347.604		347.445	347.876		347.666		347.117	31
MEAN	347.664	347.570	347.562	347.308	347.557	347.426	347.583	347.586	347.524	347.579	347.670	347.554	MEAN
MAX	347.925	347.975	347.832	347.939	347.947	347.882	347.847	347.884	347.885	347.868	347.938	347.925	MAX
MIN	347.272	347.248	347.205	346.108	347.185	347.080	347.183	347.183	347.157	347.230	347.202	347.117	MIN

WATER LEVELS IN METRES

MEAN, 347.549
MAXIMUM DAILY, 347.975 ON FEB 29
MINIMUM DAILY, 346.108 ON APR 14
MAXIMUM INSTANTANEOUS,
348.067 AT 08:01 CST ON APR 5

SUMMARY FOR THE YEAR 1986

TYPE OF GAUGE - RECORDING
LOCATION - LAT 53 18 11 N
LONG 104 02 31 W

A - MANUAL GAUGE

REGULATED

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

CONJURING CREEK NEAR PREECEVILLE - STATION NO. 05MC004

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.004B	0.003B	0.375	0.007	0.003	0.006	0.008	0.010	0.018B	---	1
2	---	---	0.004B	0.004B	0.786	0.005	0.003	0.014	0.011	0.010	0.018B	---	2
3	---	---	0.005B	0.005B	0.818	0.004	0	0.010	0.007	0.012	0.018B	---	3
4	---	---	0.005B	0.026B	0.639	0.003	0.002	0.006	0.008	0.010	---	---	4
5	---	---	0.002B	0.840B	0.439	0.001	0.002	0.005	0.008	0.008	---	---	5
6	---	---	0.002B	3.12 B	0.289	0.001	0.006	0.005	0.006	0.007	---	---	6
7	---	---	0.001B	8.44	0.236	0.002	0.004	0.007	0.006	0.007	---	---	7
8	---	---	0.002B	7.29	0.176	0.003	0.003	0.007	0.008	0.007	---	---	8
9	---	---	0.003B	3.77	0.151	0.001	0.003	0.005	0.008	0.008	---	---	9
10	---	---	0.003B	2.73	0.146	0.002	0.001	0.007	0.007	0.008	---	---	10
11	---	---	0.003B	2.88	0.103	0.006	0.003	0.007	0.007	0.010	---	---	11
12	---	---	0.003B	3.16	0.057	0.004	0.004	0.008	0.005	0.011	---	---	12
13	---	---	0.003B	4.12	0.037	0.004	0.006	0.008	0.007	0.011	---	---	13
14	---	---	0.003B	4.16	0.246	0.005	0.005	0.007	0.004	0.012	---	---	14
15	---	---	0.003B	3.24	0.287	0.006	0.009	0.010	0.005	0.012	---	---	15
16	---	---	0.003B	2.48	0.180	0.004	0.016	0.014	0.004	0.013	---	---	16
17	---	---	0.004B	1.81	0.115	0.006	0.042	0.010	0.003	0.013	---	---	17
18	---	---	0.004B	1.39	0.090	0.023	0.013	0.008	0.002	0.014	---	---	18
19	---	---	0.003B	0.864	0.052	0.004	0.001	0.010	0.001	0.014	---	---	19
20	---	---	0.003B	0.639	0.038	0.002	0.002	0.008	0.002	0.014	---	---	20
21	---	---	0.002B	0.412	0.026	0.003	0	0.018	0.002	0.014	---	---	21
22	---	0.004B	0.001B	0.283	0.012	0.008	0	0.016	0.002	0.015	---	---	22
23	---	0.004B	0.002B	0.224	0.008	0.008	0.003	0.013	0.004	0.015	---	---	23
24	---	0.004B	0.003B	0.226	0.073	0.006	0.003	0.009	0.001	0.014	---	---	24
25	---	0.004B	0.002B	0.217	0.050	0.005	0.003	0.008	0.003	0.014	---	---	25
26	---	0.004B	0.001B	0.204	0.026	0.003	0.003	0.009	0.004	0.014	---	---	26
27	---	0.004B	0.002B	0.216	0.014	0.004	0.005	0.047	0.003	0.012	---	---	27
28	---	0.004B	0.002B	0.186	0.016	0.003	0.006	0.011	0.006	0.014	---	---	28
29	---	0.004B	0.002B	0.178	0.013	0.003	0.008	0.005	0.006	0.014	---	---	29
30	---		0.002B	0.181	0.015	0.006	0.007	0.004	0.008	0.015B	---	---	30
31	---		0.002B		0.008		0.009	0.005		0.015B		---	31
TOTAL	---	---	0.084	54.380	5.536	0.145	0.178	0.310	0.166	0.366	---	---	TOTAL
MEAN	---	---	0.003	1.81	0.179	0.005	0.006	0.010	0.006	0.012	---	---	MEAN
MAX	---	---	0.005	8.44	0.818	0.023	0.042	0.047	0.011	0.015	---	---	MAX
MIN	---	---	0.001	0.003	0.008	0.001	0	0.004	0.001	0.007	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.250
MAXIMUM DAILY, 8.44 ON APR 7
MINIMUM DAILY, 0 ON JUL 3
MAXIMUM INSTANTANEOUS,
12.2 AT 17:22 CST ON APR 7

TYPE OF GAUGE - RECORDING
LOCATION - LAT 51 56 30 N
LONG 102 43 00 W
DRAINAGE AREA, 255 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	15.2
FEB	---	AUG	26.8
MAR	7.26	SEP	14.3
APR	4 700	OCT	31.6
MAY	478	NOV	---
JUN	12.5	DEC	---

TOTAL DISCHARGE, 5 290 dam³

COOKSON RESERVOIR NEAR CORONACH - STATION NO. 11AE013

DAILY WATER LEVEL IN METRES FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	751.822	751.812	751.803	751.795	751.719	751.547E	751.336E	751.098	750.806	750.605	750.544	750.527	1
2	751.819	751.810	751.806	751.796	751.714	751.539E	751.334E	751.091	750.798	750.605	750.544	750.524	2
3	751.818	751.808	751.805	751.795	751.706	751.531E	751.331E	751.084	750.792	750.600	750.550	750.521	3
4	751.814	751.804	751.804	751.792	751.701	751.522E	751.328E	751.078	750.785	750.593	750.552	750.523	4
5	751.816	751.802	751.804	751.791	751.693	751.514E	751.326E	751.072	750.777	750.593	750.552	750.524	5
6	751.817	751.801	751.804	751.780	751.693	751.506E	751.324E	751.061	750.766	750.593	750.548	750.520	6
7	751.819	751.797	751.806	751.769	751.692	751.497E	751.321A	751.045	750.751	750.592	750.544	750.514	7
8	751.814	751.796	751.809	751.790	751.686	751.488E	751.318	751.034	750.732	750.591	750.544	750.512	8
9	751.815	751.795	751.813	751.787	751.681	751.481E	751.309	751.028	750.726	750.590	750.540	750.513	9
10	751.813	751.792	751.813	751.785	751.674	751.474E	751.297	751.021	750.715	750.588	750.537	750.508	10
11	751.809	751.791	751.812	751.783	751.671	751.466E	751.285	751.009	750.700	750.584	750.537	750.514	11
12	751.806	751.792	751.813	751.781	751.665	751.459E	751.275	750.996	750.689	750.583	750.537	750.513	12
13	751.805	751.792	751.813	751.777	751.654	751.451E	751.265	750.988	750.685	750.582	750.531	750.515	13
14	751.808	751.792	751.814	751.773	751.649	751.444E	751.256	750.981	750.676	750.580	750.531	750.510	14
15	751.805	751.798	751.815	751.769	751.635	751.437E	751.245	750.976	750.675	750.574	750.532	750.507	15
16	751.808	751.800	751.815	751.767	751.627	751.429E	751.234	750.970	750.671	750.576	750.530	750.507	16
17	751.811	751.801	751.813	751.761	751.623	751.421E	751.225	750.957	750.667	750.577	750.529	750.509	17
18	751.816	751.801	751.812	751.759	751.620	751.412E	751.226	750.945	750.656	750.574	750.528	750.511	18
19	751.818	751.800	751.817	751.755	751.616	751.404E	751.222	750.934	750.650	750.573	750.528	750.509	19
20	751.820	751.806	751.819	751.750	751.611	751.397E	751.214	750.928	750.647	750.573	750.531	750.508	20
21	751.818	751.805	751.818	751.745	751.605	751.390E	751.210	750.909	750,641	750.569	750.528	750.505	21
22	751.819	751.798	751.820	751.743	751.596	751.383E	751.203	750.893	750.633	750.562	750.531	750.507	22
23	751.817	751.794	751.824	751.738	751.589	751.376E	751.187	750.881	750.626	750.558	750.530	750.500	23
24	751.815	751.795	751.823	751.733	751.583	751.368E	751.174	750.876	750.628	750.556	750.531	750.500	24
25	751.820	751.797	751.816	751.728	751.577	751.360E	751.166	750.868	750.622	750.556	750.532	750.486	25
26	751.820	751.796	751.818	751.725	751.572	751.353E	751.162	750.858	750.614	750.555	750.526	750.486	26
27	751.821	751.801	751.813	751.722	751.566	751.345A	751.152	750.846	750.607	750.543	750.519	750.484	27
28	751.824	751.802	751.800	751.720	751.561	751.343E	751.149	750.841	750.608	750.544	750.522	750.483	28
29	751.823	751.803	751.804	751.716	751.564	751.341E	751.135	750.832	750.608	750.543	750.520	750.485	29
30	751.820		751.801	751.713	751.564A	751.339E	751.122	750.824	750.609	750.542	750.524	750.485	30
31	751.814		751.787		751.559E		751.113	750.813		750.544		750.481	31
MEAN	751.815	751.799	751.811	751.762	751.634	751.434	751.240	750.958	750.685	750.574	750.534	750.505	MEAN
MAX	751.824	751.812	751.824	751.796	751.719	751.547	751.336	751.098	750.806	750.605	750.552	750.527	MAX
MIN	751.805	751.791	751.787	751.713	751.559	751.339	751.113	750.813	750.607	750.542	750.519	750.481	MIN

SUMMARY FOR THE YEAR 1988

WATER LEVELS IN METRES

MEAN, 751.226
MAXIMUM DAILY, 751.824 ON JAN 28
MINIMUM DAILY, 750.481 ON DEC 31
MAXIMUM INSTANTANEOUS,
751.829 AT 23:01 CST ON MAR 23

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 03 25 N
LONG 105 28 23 W

A - MANUAL GAUGE

E - ESTIMATED

REGULATED SINCE 1975

DRAINAGE AREA,
1 370 km²

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

COTTONWOOD CREEK NEAR LUMSDEN - STATION NO. 05JF011

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0	0	0	0	0	0	0	0	---	---	1
2	---	---	0	0	0	0	0	0	0	0	---	---	2
3	---	---	0	0	0	0	0	0	0	0	---	---	3
4	---	---	0	0	0	0	0	0	0	0	---	---	4
5	---	---	0	0	0	0	0	0	0	0	---	---	5
6	---	---	0	0	0	0	0	0	0	0	---	---	6
7	---	---	0	0	0	0	0	0	0	0	---	---	7
8	---	---	0	0	0	0	0	0	0	0	---	---	8
9	---	---	0	0	0	0	0	0	0	0	---	---	9
10	---	---	0	0	0	0	0	0	0	0	---	---	10
11	---	---	0	0	0	0	0	0	0	0	---	---	11
12	---	---	0	0	0	0	0	0	0	0	---	---	12
13	---	---	0	0	0	0	0	0	0	0	---	---	13
14	---	---	0	0	0	0	0	0	0	0	---	---	14
15	---	---	0	0	0	0	0	0	0	0	---	---	15
16	---	---	0	0	0	0	0	0	0	0	---	---	16
17	---	---	0	0	0	0	0	0	0	0	---	---	17
18	---	---	0	0	0	0	0	0	0	0	---	---	18
19	---	---	0	0	0	0	0	0	0	0	---	---	19
20	---	---	0	0	0	0	0	0	0	0	---	---	20
21	---	---	0	0	0	0	0	0	0	0	---	---	21
22	---	---	0	0	0	0	0	0	0	0	---	---	22
23	---	---	0	0	0	0	0	0	0	0	---	---	23
24	---	---	0	0	0	0	0	0	0	0	---	---	24
25	---	---	0	0	0	0	0	0	0	0	---	---	25
26	---	---	0	0	0	0	0	0	0	0	---	---	26
27	---	---	0	0	0	0	0	0	0	0	---	---	27
28	---	---	0	0	0	0	0	0	0	0	---	---	28
29	---	---	0	0	0	0	0	0	0	0	---	---	29
30	---		0	0	0	0	0	0	0	0	---	---	30
31	---		0		0		0	0		0		---	31
TOTAL	---	---	0	0	0	0	0	0	0	0	---	---	TOTAL
MEAN	---	---	0	0	0	0	0	0	0	0	---	---	MEAN
MAX	---	---	0	0	0	0	0	0	0	0	---	---	MAX
MIN	---	---	0	0	0	0	0	0	0	0	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0
MAXIMUM DAILY, 0 ON MAR 1
MINIMUM DAILY, 0 ON MAR 1
MAXIMUM INSTANTANEOUS,
0 AT 00:00 CST ON MAR 1

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 35 20 N
LONG 104 54 21 W
DRAINAGE AREA, 815 km²

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	0
FEB	---	AUG	0
MAR	0	SEP	0
APR	0	OCT	0
MAY	0	NOV	---
JUN	0	DEC	---

TOTAL DISCHARGE, 0 dam³

COWAN LAKE NEAR HONEYMOON POINT - STATION NO. 06AE002

DAILY WATER LEVEL IN METRES FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	---	476.270	476.223	476.183	476.241	476.213	---	---	1
2	---	---	---	---	---	476.277	476.221	476.177	476.239	476.207	476.186	---	2
3	---	---	---	---	---	476.263	476.239	476.185	476.241	476.209	---	---	3
4	---	---	---	---	---	476.270	476.239	476.173	476.239	476.197	---	---	4
5	---	---	---	---	---	476.279	476.233	476.181	476.225	476.197	---	---	5
6	---	---	---	---	---	476.303	476.231	476.197	476.229	476.197	---	---	6
7	---	---	---	---	---	476.295	476.251	476.201	476.251	476.199	---	---	7
8	---	---	---	---	---	476.267	476.241	476.199	476.251	476.199	---	---	8
9	---	---	---	---	---	476.289	476.237	476.197	476.239	476.201	---	---	9
10	---	---	---	---	---	476.285	476.229	476.201	476.229	476.197	---	---	10
11	---	---	---	---	---	476.291	476.223	476.193	476.223	476.193	---	---	11
12	---	---	---	---	---	476.301	476.217	476.193	476.217	476.189	---	---	12
13	---	---	---	---	---	476.289	476.233	476.189	476.217	476.193	---	---	13
14	---	---	---	---	---	476.285	476.229	476.187	476.213	476.197	---	---	14
15	---	---	---	---	---	476.273	476.235	476.181	476.215	476.199	---	---	15
16	---	---	---	---	---	476.289	476.231	476.189	476.211	476.195	---	---	16
17	---	---	---	---	476.312	476.273	476.226	476.182	476.221	476.195	---	---	17
18	---	---	---	---	476.293	476.276	476.227	476.189	476.213	476.193	---	---	18
19	---	---	---	---	476.287	476.273	476.229	476.213	476.208	476.193	---	---	19
20	---	---	---	---	476.283	476.268	476.219	476.209	476.209	476.198	---	---	20
21	---	---	---	---	476.261	476.271	476.215	476.233	476.207	476.191	---	---	21
22	---	---	---	---	476.277	476.247	476.215	476.251	476.207	476.191	---	---	22
23	---	---	---	---	476.271	476.239	476.215	476.265	476.213	476.189	---	---	23
24	---	---	---	---	476.277	476.251	476.209	476.257	476.213	476.187	---	---	24
25	---	---	---	---	476.271	476.253	476.209	476.259	476.205	476.187	---	---	25
26	---	---	---	---	476.257	476.237	476.205	476.271	476.211	476.189	---	---	26
27	---	---	---	---	476.253	476.245	476.213	476.253	476.218	476.201	---	---	27
28	---	---	---	---	476.253	476.233	476.207	476.245	476.213	476.209	---	---	28
29	---	---	---	---	476.249	476.219	476.203	476.239	476.213	476.202	---	---	29
30	---		---	---	476.275	476.231	476.187	476.235	476.215	476.195	---	---	30
31	---		---		476.273		476.186	476.239		476.194		---	31
MEAN	---	---	---	---	---	476.265	476.222	476.212	476.221	476.195	---	---	MEAN
MAX	---	---	---	---	---	476.303	476.251	476.271	476.251	476.213	---	---	MAX
MIN	---	---	---	---	---	476.219	476.186	476.173	476.205	476.188	---	---	MIN

SUMMARY FOR THE YEAR 1988

WATER LEVELS IN METRES

MINIMUM DAILY, 476.173 ON AUG 4

TYPE OF GAUGE - MANUAL
LOCATION - LAT 53 57 52 N
LONG 107 12 24 W
DATA CONTRIBUTED BY -
SASKATCHEWAN WATER CORPORATION

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

CREAN LAKE AT THE WARDEN STATION - STATION NO. 06CA006

DAILY WATER LEVEL IN METRES FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	---	---	7.261	7.218	7.248	---	---	---	1
2	---	---	---	---	---	---	7.261	7.244	7.249	---	7.075	---	2
3	---	---	---	---	---	---	7.251	7.220	7.242	---	---	---	3
4	---	---	---	---	---	---	7.241	7.222	7.240	---	---	---	4
5	---	---	---	---	---	---	7.241E	7.222	7.240	---	---	---	5
6	---	---	---	---	---	---	7.241E	7.225E	7.236E	---	---	---	6
7	---	---	---	---	---	---	7.242E	7.228	7.232	---	7.181	---	7
8	---	---	---	---	---	---	7.242	7.228	7.226E	---	---	---	8
9	---	---	---	---	---	7.245	7.245	7.226	7.220	---	---	---	9
10	---	---	---	---	---	7.259	7.238	7.219	7.210	---	---	---	10
11	---	---	---	---	---	7.265	7.231	7.218	7.206	---	---	---	11
12	---	---	---	---	---	7.259	7.239	7.215	7.203E	---	---	---	12
13	---	---	---	---	---	7.257	7.248E	7.215	7.198	---	---	---	13
14	---	---	---	---	---	7.254E	7.252	7.212	7.200E	---	---	---	14
15	---	---	---	---	---	7.251E	7.251	7.218	7.202E	---	---	---	15
16	---	---	---	---	---	7.247	7.252	7.218	7.204E	---	---	---	16
17	---	---	---	---	---	7.245	7.245	7.219	7.208	7.130	---	---	17
18	---	---	---	---	---	7.245	7.248E	7.212E	7.192	---	---	---	18
19	---	---	---	---	---	7.248	7.247E	7.214E	7.192	---	---	---	19
20	---	---	---	---	---	7.248	7.248	7.218	7.192	---	---	---	20
21	---	---	---	---	---	7.244	7.250	7.248	---	---	---	---	21
22	---	---	---	---	---	7.229	7.244	7.263	---	---	---	---	22
23	---	---	---	---	---	7.233	7.238	7.273	---	---	---	---	23
24	---	---	---	---	---	7.247	7.240	7.270E	---	---	---	---	24
25	---	---	---	---	---	7.247	7.238	7.268	---	---	---	---	25
26	---	---	---	---	---	7.247	7.228	7.266E	---	---	---	---	26
27	---	---	---	---	---	7.255	7.240	7.264E	---	---	---	---	27
28	---	---	---	---	---	7.253	7.231E	7.261	---	---	---	---	28
29	---	---	---	---	---	7.249	7.222E	7.258E	---	---	---	---	29
30	---		---	---	---	7.248	7.214	7.261	---	---	---	---	30
31	---		---		---		7.220	7.249E		---		---	31
MEAN	---	---	---	---	---	---	7.240	7.235	---	---	---	---	MEAN
MAX	---	---	---	---	---	---	7.262	7.283	---	---	---	---	MAX
MIN	---	---	---	---	---	---	7.214	7.210	---	---	---	---	MIN

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - MANUAL
LOCATION - LAT 54 01 49 N
LONG 106 14 51 W

E - ESTIMATED

REGULATED SINCE 1966

WATER LEVELS ARE REFERRED TO ASSUMED DATUM

CREE LAKE AT CABLE BAY - STATION NO. 07LB001

DAILY WATER LEVEL IN METRES FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	486.547	486.585	486.632	486.674	486.691	486.711	486.813	486.815	486.763	486.714	486.700	486.730	1
2	486.543	486.583	486.635	486.676	486.696	486.721	486.808	486.812	486.767	486.717	486.710	486.737	2
3	486.548	486.584	486.633	486.685	486.693	486.722	486.815	486.805	486.772	486.706	486.705	486.735	3
4	486.547	486.581	486.636	486.686	486.693	486.730	486.812	486.791	486.776	486.697	486.693	486.732	4
5	486.548	486.583	486.637	486.682	486.698	486.742	486.817	486.792	486.763	486.704	486.693	486.736	5
6	486.549	486.588	486.640	486.690	486.693	486.776	486.840	486.798	486.759	486.715	486.713	486.729	6
7	486.549	486.589	486.639	486.694	486.694	486.785	486.821	486.779	486.736	486.711	486.719	486.729	7
8	486.530	486.589	486.643	486.690	486.698	486.779	486.816	486.773	486.713	486.693	486.698	486.731	8
9	486.550	486.587	486.648	486.691	486.695	486.769	486.837	486.786	486.761	486.693	486.701	486.740	9
10	486.549	486.594	486.644	486.697	486.696	486.770	486.831	486.808	486.778	486.700	486.698	486.742	10
11	486.547	486.593	486.642	486.692	486.693	486.814	486.832	486.815	486.770	486.697	486.721	486.743	11
12	486.551	486.597	486.645	486.687	486.695	486.797	486.842	486.800	486.758	486.688	486.705	486.743	12
13	486.555	486.595	486.646	486.697	486.699	486.789	486.859	486.795	486.759	486.700	486.709	486.752	13
14	486.558	486.597	486.645	486.698	486.700	486.786	486.832	486.800	486.778	486.685	486.710	486.741	14
15	486.561	486.601	486.644	486.694	486.698	486.780	486.811	486.795	486.762	486.674	486.705	486.744	15
16	486.558	486.608	486.641	486.692	486.697	486.780	486.808	486.805	486.770	486.697	486.708	486.751	16
17	486.562	486.608	486.642	486.695	486.695	486.787	486.814	486.798	486.765	486.689	486.709	486.753	17
18	486.561	486.611	486.648	486.694	486.691	486.795	486.819	486.791	486.764	486.691	486.711	486.752	18
19	486.567	486.611	486.652	486.692	486.694	486.777	486.823	486.793	486.767	486.692	486.720	486.757	19
20	486.568	486.614	486.654	486.691	486.694	486.782	486.820	486.768	486.763	486.701	486.723	486.762	20
21	486.570	486.621	486.657	486.693	486.694	486.781	486.818	486.808	486.751	486.710	486.722	486.764	21
22	486.575	486.606	486.652	486.694	486.698	486.783	486.807	486.810	486.740	486.708	486.722	486.765	22
23	486.577	486.611	486.665	486.690	486.704	486.803	486.788	486.786	486.739	486.711	486.724	486.761	23
24	486.575	486.621	486.667	486.688	486.692	486.807	486.815	486.773	486.719	486.707	486.718	486.759	24
25	486.579	486.621	486.668	486.688	486.692	486.808	486.816	486.783	486.734	486.704	486.724	486.762	25
26	486.581	486.626	486.671	486.688	486.698	486.815	486.798	486.787	486.733	486.704	486.725	486.762	26
27	486.583	486.621	486.672	486.689	486.697	486.829	486.804	486.787	486.726	486.689	486.732	486.763	27
28	486.582	486.626	486.686	486.691	486.708	486.818	486.808	486.778	486.721	486.688	486.729	486.767	28
29	486.583	486.633	486.685	486.695	486.718	486.819	486.815	486.772	486.694	486.673	486.734	486.769	29
30	486.587		486.686	486.691	486.722	486.821	486.802	486.787	486.703	486.687	486.731	486.770	30
31	486.583		486.672		486.717		486.795	486.743		486.676		486.769	31
MEAN	486.562	486.603	486.651	486.690	486.698	486.784	486.817	486.791	486.750	486.698	486.713	486.750	MEAN
MAX	486.587	486.633	486.672	486.698	486.722	486.829	486.859	486.815	486.782	486.717	486.734	486.770	MAX
MIN	486.543	486.581	486.632	486.674	486.691	486.711	486.788	486.743	486.694	486.673	486.683	486.729	MIN

SUMMARY FOR THE YEAR 1988

WATER LEVELS IN METRES

MEAN, 486.708
MAXIMUM DAILY, 486.859 ON JUL 13
MINIMUM DAILY, 486.543 ON JAN 2
MAXIMUM INSTANTANEOUS,
486.920 AT 06:38 CST ON JUL 6

TYPE OF GAUGE - RECORDING
LOCATION - LAT 57 21 00 N
LONG 107 08 00 W

NATURAL FLOW

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

REMARKS - THE MAXIMUM INSTANTANEOUS WATER LEVEL OCCURRED AS A RESULT OF WIND EFFECT

CREE RIVER AT OUTLET OF WAPATA LAKE - STATION NO. 07LD002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	83.7	71.2	72.7	83.4	123	145	145	143	140	146	120	118	1
2	83.1	71.2	72.7	83.7	128	145	146	142	139	145	122	118	2
3	82.7	71.7	73.1	84.3	138	146	146	142	139	145	123	118	3
4	82.6	71.5	73.6	85.3	142	146	144	141	139	144	121	117	4
5	82.0	72.1	73.7	86.8	146	146	144	139	138	143	120	116	5
6	81.2	72.3	73.9	87.5	146	144	145	138	137	142	121	120	6
7	80.8	72.5	74.5	88.3	147	144	146	137	135	142	125	120	7
8	80.0	72.9	74.8	88.9	147	145	146	136	137	141	128	121	8
9	78.8	73.1	75.3	89.9	148	145	147	135	141	139	130	120	9
10	77.8	73.4	76.2	90.1	148	146	147	134	145	140	131	119	10
11	76.7	73.5	76.7	91.3	148	146	147	134	148	139	130	119	11
12	75.5	73.4	76.8	92.0	147	147	147	134	150	136	127	118	12
13	75.0	73.1	76.7	93.0	147	147	147	134	152	136	124	117	13
14	74.6	72.7	76.9	94.1	147	147	147	134	155	136	122	116	14
15	73.8	72.6	77.0	95.9	147	147	147	134	156	134	120	115	15
16	72.5	72.5	77.4	97.5	147	147	146	135	158	135	119	115	16
17	72.7	72.7	77.5	99.3	148	147	147	135	157	134	119	115	17
18	71.8	72.9	77.5	100	148	146	147	135	156	134	118	114	18
19	71.3	73.0	77.8	102	149	146	147	135	157	134	118	114	19
20	71.0	73.1	78.8	104	148	147	147	133	157	133	116	114	20
21	71.2	73.3	79.6	105	148	147	147	133	155	133	119	114	21
22	70.9	72.8	80.6	106	146	147	147	136	154	132	118	113	22
23	71.1	72.4	81.2	107	147	147	147	139	152	132	117	113	23
24	70.7	72.1	81.2	107	146	147	147	140	151	130	116	113	24
25	70.8	72.1	81.3	108	146	147	147	142	151	125	119	112	25
26	70.5	72.1	81.5	109	148	147	147	142	150	121	120	112	26
27	70.1	72.5	81.5	110	147	147	147	143	149	117	120	112	27
28	70.2	72.6	81.4	112	146	147	146	143	148	117	119	111	28
29	70.0	72.8	81.7	115	146	146	145	142	146	117	118	111	29
30	70.1		82.1	118	145	146	144	142	146	116	118	110	30
31	70.4		82.9		146		143	141		115		110	31
TOTAL	2 324.3	2 104.0	2 408.8	2 835.2	4 489	4 385	4 520	4 276	4 440	4 141	3 640	3 570	TOTAL
MEAN	75.0	72.5	77.7	94.5	145	146	146	138	148	134	121	115	MEAN
MAX	83.7	73.5	82.9	118	149	147	147	143	158	146	131	121	MAX
MIN	70.0	71.2	72.7	83.4	123	144	143	133	135	115	116	110	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 118
MAXIMUM DAILY, 158 ON SEP 16
MINIMUM DAILY, 70.0 ON JAN 29
MAXIMUM INSTANTANEOUS,
158 AT 05:02 CST ON SEP 16

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 58 51 30 N
LONG 105 49 10 W
DRAINAGE AREA, 20 700 km^2

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	201 000	JUL	391 000
FEB	182 000	AUG	369 000
MAR	208 000	SEP	384 000
APR	245 000	OCT	358 000
MAY	388 000	NOV	314 000
JUN	379 000	DEC	308 000

TOTAL DISCHARGE, 3 740 000 dam^3

CREIGHTON TRIBUTARY NEAR TOTNES - STATION NO. 05HF014

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	0 B	0.005B	0.005	0	0	0	0	0	0	---	---	1
2	---	0 B	0.001B	0.005	0	0	0	0	0	0	---	---	2
3	---	0 B	0.002B	0.005	0.001	0	0	0	0	0	---	---	3
4	---	0 B	0.002B	0.004	0	0	0	0	0	0	---	---	4
5	---	0 B	0.006B	0.003	0	0	0	0	0	0	---	---	5
6	---	0 B	0.012B	0.002	0.001	0	0	0	0	0	---	---	6
7	---	0 B	0.007B	0.003	0.001	0	0	0	0	0	---	---	7
8	---	0 B	0.011B	0.001	0.001	0.001	0	0	0	0	---	---	8
9	---	0 B	0.009B	0.001	0.001	0.001	0	0	0	0	---	---	9
10	---	0 B	0.009B	0.001	0.001	0	0	0	0	0	---	---	10
11	---	0 B	0.004B	0.001	0.001	0	0	0	0	0	---	---	11
12	---	0 B	0.004B	0.001	0	0	0	0	0	0	---	---	12
13	---	0 B	0.001B	0.001	0.001	0	0	0	0	0	---	---	13
14	---	0 B	0.001B	0.001	0	0	0	0	0	0	---	---	14
15	---	0 B	0.003B	0.001	0	0	0	0	0	0	---	---	15
16	---	0 B	0.005B	0.001	0	0	0	0.917	0	0	---	---	16
17	---	0 B	0.007B	0.001	0	0	0	0.066	0	0	---	---	17
18	---	0 B	0.010B	0.001	0	0	0	0.006	0	0	---	---	18
19	---	0 B	0.005B	0.001	0	0	0	0.002	0	0	---	---	19
20	---	0 B	0.005B	0.001	0	0	0	0.001	0	0	---	---	20
21	---	0 B	0.006B	0.001	0	0	0	0.001	0	0	---	---	21
22	---	0 B	0.006B	0.001	0	0	0	0	0	0	---	---	22
23	---	0 B	0.005B	0.001	0	0	0	0	0	0	---	---	23
24	---	0 B	0.005B	0.001	0	0	0	0	0.001	0	---	---	24
25	---	0 B	0.001B	0.001	0	0	0	0	0.001	0.001	---	---	25
26	---	0 B	0 B	0.001	0	0	0	0	0.001	0.001	---	---	26
27	---	0.006B	0.001B	0.001	0	0	0	0	0.001	0 A	---	---	27
28	---	0.005B	0.007B	0.001	0	0	0	0	0.001	0 E	---	---	28
29	---	0.005B	0.010B	0.001	0	0	0	0	0.001	0 E	---	---	29
30	---		0.003B	0.001	0	0	0	0	0	0 E	---	---	30
31	---		0.005B		0.001		0	0		0.001E		---	31
TOTAL	---	0.016	0.163	0.050	0.009	0.002	0	0.993	0.006	0.003	---	---	TOTAL
MEAN	---	0.001	0.005	0.002	0	0	0	0.032	0	0	---	---	MEAN
MAX	---	0.006	0.012	0.005	0.001	0.001	0	0.917	0.001	0.001	---	---	MAX
MIN	---	0	0	0.001	0	0	0	0	0	0	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.005
MAXIMUM DAILY, 0.917 ON AUG 16
MINIMUM DAILY, 0B ON FEB 1
MAXIMUM INSTANTANEOUS,
8.41 AT 15:21 CST ON AUG 16

SUMMARY FOR THE MONTHS FEB TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 51 20 08 N
LONG 106 27 03 W
DRAINAGE AREA, 13.2 km^2
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	0
FEB	1.38	AUG	85.8
MAR	14.1	SEP	0.52
APR	4.32	OCT	0.26
MAY	0.78	NOV	---
JUN	0.17	DEC	---

TOTAL DISCHARGE, 106 dam^3

CROMARTY CREEK NEAR BIRCH HILLS - STATION NO. 05HH002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0B	0 B	0.003	0	0	0	0	0	0	---	1
2	---	---	0B	0 B	0.001	0	0	0	0	0	0	---	2
3	---	---	0B	0 B	0.001	0	0	0	0	0	---	---	3
4	---	---	0B	0 B	0	0	0	0	0	0	---	---	4
5	---	---	0B	0.0068 B	0	0	0	0	0	0	---	---	5
6	---	---	0B	2.20 B	0	0	0	0	0	0	---	---	6
7	---	---	0B	4.48 B	0	0	0	0	0	0	---	---	7
8	---	---	0B	3.34 B	0	0	0	0	0	0	---	---	8
9	---	---	0B	1.27 B	0	0	0	0	0	0	---	---	9
10	---	---	0B	1.86	0	0	0	0	0	0	---	---	10
11	---	---	0B	1.88	0	0	0	0	0	0	---	---	11
12	---	---	0B	1.61	0	0	0	0	0	0	---	---	12
13	---	---	0B	0.783	0	0	0	0	0	0	---	---	13
14	---	---	0B	0.482	0	0	0	0	0	0	---	---	14
15	---	---	0B	0.285	0	0	0	0	0	0	---	---	15
16	---	---	0B	0.224	0	0	0	0	0	0	---	---	16
17	---	---	0B	0.123	0	0	0	0	0	0	---	---	17
18	---	---	0B	0.084	0	0	0	0	0	0	---	---	18
19	---	---	0B	0.081	0	0	0	0	0	0	---	---	19
20	---	---	0B	0.076	0	0	0	0	0	0	---	---	20
21	---	---	0B	0.070	0	0	0	0	0	0	---	---	21
22	---	---	0B	0.058	0	0	0	0	0	0	---	---	22
23	---	---	0B	0.048	0	0	0	0	0	0	---	---	23
24	---	---	0B	0.047	0	0	0	0	0	0	---	---	24
25	---	---	0B	0.039	0	0	0	0	0	0	---	---	25
26	---	---	0B	0.027	0	0	0	0	0	0	---	---	26
27	---	---	0B	0.021	0	0	0	0	0	0	---	---	27
28	---	---	0B	0.018	0	0	0	0	0	0	---	---	28
29	---	---	0B	0.010	0	0	0	0	0	0	---	---	29
30	---		0B	0.005	0	0	0	0	0	0	---	---	30
31	---		0B		0		0	0		0		---	31
TOTAL	---	---	0	19.562	0.005	0	0	0	0	0	---	---	TOTAL
MEAN	---	---	0	0.652	0	0	0	0	0	0	---	---	MEAN
MAX	---	---	0	4.48	0.003	0	0	0	0	0	---	---	MAX
MIN	---	---	0	0	0	0	0	0	0	0	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.080
MAXIMUM DAILY, 4.488 ON APR 7
MINIMUM DAILY, 0B ON MAR 1
MAXIMUM INSTANTANEOUS,
8.728 AT 22:08 CST ON APR 7

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 52 57 32 N
LONG 105 28 16 W
DRAINAGE AREA, 71.7 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	0
FEB	---	AUG	0
MAR	0	SEP	0
APR	1 690	OCT	0
MAY	0.43	NOV	---
JUN	0	DEC	---

TOTAL DISCHARGE, 1 690 dam³

CROOKED HILL CREEK NEAR CANORA - STATION NO. 05MB005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0 B	0.0148	0.920	0.018	0	0	0	0	---	---	1
2	---	---	0 B	1.07 B	1.61	0.008	0	0	0	0	---	---	2
3	---	---	0 B	2.87 B	1.69	0.002	0	0	0	0	---	---	3
4	---	---	0 B	5.52 B	1.28	0.001	0	0	0	0	---	---	4
5	---	---	0 B	9.10 B	1.11	0	0	0	0	0	---	---	5
6	---	---	0 B	15.6	0.870	0	0	0	0	0	---	---	6
7	---	---	0 B	15.0	0.731	0	0	0	0	0	---	---	7
8	---	---	0 B	14.3	0.611	0	0	0	0	0	---	---	8
9	---	---	0 B	11.7	0.506	0	0	0	0	0	---	---	9
10	---	---	0 B	11.2	0.429	0	0	0	0	0	---	---	10
11	---	---	0 B	11.7	0.381	0	0	0	0	0	---	---	11
12	---	---	0 B	11.2	0.371	0	0	0	0	0	---	---	12
13	---	---	0 B	8.77	0.313	0	0	0	0	0	---	---	13
14	---	---	0 B	7.07	0.280	0	0	0	0	0	---	---	14
15	---	---	0 B	5.78	0.355	0	0	0	0	0	---	---	15
16	---	---	0 B	4.82	0.335	0	0	0	0	0	---	---	16
17	---	---	0 B	3.52	0.282	0	0	0	0	0	---	---	17
18	---	---	0 B	3.02	0.261	0	0	0	0	0	---	---	18
19	---	---	0 B	2.55	0.281	0	0	0	0	0	---	---	19
20	---	---	0 B	2.10	0.286	0	0	0	0	0	---	---	20
21	---	---	0 B	1.81	0.270	0	0	0	0	0	---	---	21
22	---	---	0.0058	1.54	0.251	0	0	0	0	0	---	---	22
23	---	---	0.0118	1.28	0.202	0	0	0	0	0	---	---	23
24	---	---	0.0288	1.18	0.197	0	0	0	0	0	---	---	24
25	---	---	0.0178	1.06	0.246	0	0	0	0	0	---	---	25
26	---	---	0.0148	0.980	0.195	0	0	0	0	0	---	---	26
27	---	---	0.0028	0.813	0.182	0	0	0	0	0	---	---	27
28	---	---	0 B	0.774	0.161	0	0	0	0	0	---	---	28
29	---	---	0 B	0.658	0.126	0	0	0	0	0	---	---	29
30	---		0 B	0.540	0.078	0	0	0	0	0	---	---	30
31	---		0.0028		0.044		0	0		0		---	31
TOTAL	---	---	0.081	157.470	14.883	0.030	0	0	0	0	---	---	TOTAL
MEAN	---	---	0.003	5.25	0.480	0.001	0	0	0	0	---	---	MEAN
MAX	---	---	0.028	15.6	1.69	0.018	0	0	0	0	---	---	MAX
MIN	---	---	0	0.014	0.044	0	0	0	0	0	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.704
MAXIMUM DAILY, 15.6 ON APR 6
MINIMUM DAILY, 0B ON MAR 1
MAXIMUM INSTANTANEOUS,
17.1 AT 19:28 CST ON APR 6

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 51 38 48 N
LONG 102 25 41 W
DRAINAGE AREA, 582 km²

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	0
FEB	---	AUG	0
MAR	7.00	SEP	0
APR	13 600	OCT	0
MAY	1 290	NOV	---
JUN	2.59	DEC	---

TOTAL DISCHARGE, 14 900 dam³

CROOKED LAKE NEAR GRAYSON - STATION NO. 05JM005

DAILY WATER LEVEL IN METRES FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	451.089	451.073	451.078	451.273	451.517	451.558	451.527E	451.388	451.304	451.219	451.165	451.268	1
2	451.102	451.074	451.080	451.287	451.539	451.554	451.524E	451.395	451.299	451.213	451.170	451.272	2
3	451.102	451.072	451.085	451.295	451.553	451.550	451.518E	451.399	451.294	451.209	451.165	451.278	3
4	451.088	451.071	451.091	451.302	451.564	451.547	451.513E	451.394	451.293	451.207	451.169	451.280	4
5	451.098	451.071	451.097	451.316	451.560	451.543	451.509E	451.392	451.292	451.205	451.168	451.288	5
6	451.095	451.074	451.101	451.329	451.564	451.545	451.504E	451.390	451.289	451.204	451.163	451.295	6
7	451.098	451.073	451.113	451.344	451.569	451.538	451.500E	451.382	451.289	451.204	451.170	451.298	7
8	451.093	451.074	451.121	451.366	451.579	451.529	451.493E	451.371	451.276	451.206	451.166	451.299	8
9	451.093	451.071	451.128	451.398	451.580	451.530	451.488E	451.366	451.280	451.206	451.163	451.305	9
10	451.083	451.067	451.134	451.414	451.579	451.532	451.482E	451.364	451.261	451.203	451.160	451.307	10
11	451.089	451.071	451.143	451.428	451.575	451.554	451.477E	451.359	451.258	451.197	451.162	451.314	11
12	451.089	451.074	451.148	451.442	451.574	451.551	451.473E	451.357	451.260	451.195	451.165	451.322	12
13	451.086	451.075	451.150	451.452	451.570	451.551	451.470A	451.353	451.257	451.197	451.166	451.326	13
14	451.092	451.068	451.157	451.462	451.576	451.557	451.469	451.353	451.255	451.197	451.168	451.331	14
15	451.092	451.074	451.165	451.467	451.587	451.558	451.468	451.358	451.252	451.195	451.178	451.332	15
16	451.092	451.072	451.169	451.477	451.585	451.556	451.464	451.357	451.252	451.192	451.182	451.342	16
17	451.088	451.074	451.177	451.479	451.589	451.560	451.456	451.365	451.253	451.193	451.184	451.346	17
18	451.088	451.075	451.181	451.483	451.591	451.561	451.452	451.363	451.244	451.192	451.188	451.351	18
19	451.084	451.071	451.187	451.485	451.590	451.558	451.448	451.362	451.238	451.188	451.192	451.359	19
20	451.080	451.071	451.192	451.488	451.580	451.548	451.445	451.355	451.233	451.188	451.198	451.362	20
21	451.084	451.072	451.198	451.492	451.588	451.544	451.446	451.363	451.234	451.182	451.203	451.366	21
22	451.078	451.074	451.208	451.492	451.587	451.533	451.445	451.357	451.236	451.189	451.210	451.372	22
23	451.078	451.075	451.211	451.497	451.578	451.527	451.439	451.349	451.227	451.178	451.219	451.378	23
24	451.082	451.073	451.220	451.500	451.574	451.537A	451.430	451.344	451.226	451.174	451.229	451.379	24
25	451.075	451.075	451.228	451.497	451.576	451.548E	451.426	451.336	451.222	451.173	451.234	451.379	25
26	451.080	451.076	451.236	451.501	451.571	451.555E	451.421	451.331	451.223	451.171	451.239	451.384	26
27	451.078	451.076	451.238	451.504	451.575	451.554E	451.414	451.324	451.218	451.173	451.244	451.387	27
28	451.074	451.076	451.250	451.502	451.572	451.548E	451.410	451.315	451.219	451.170	451.251	451.386A	28
29	451.077	451.076	451.260	451.498	451.567	451.540E	451.406	451.313	451.220	451.168	451.256	451.393A	29
30	451.074		451.283	451.506	451.563	451.534E	451.401	451.308	451.219	451.166	451.263	451.398A	30
31	451.073		451.288		451.562		451.396	451.306		451.170		451.403A	31
MEAN	451.087	451.073	451.170	451.433	451.571	451.547	451.462	451.357	451.253	451.191	451.193	451.339	MEAN
MAX	451.102	451.076	451.288	451.506	451.591	451.561	451.527	451.399	451.304	451.219	451.263	451.403	MAX
MIN	451.073	451.067	451.078	451.273	451.517	451.527	451.396	451.306	451.218	451.166	451.160	451.268	MIN

WATER LEVELS IN METRES

SUMMARY FOR THE YEAR 1988

MEAN, 451.307
MAXIMUM DAILY, 451.591 ON MAY 18
MINIMUM DAILY, 451.067 ON FEB 10
MAXIMUM INSTANTANEOUS,
451.610 AT 13:36 CST ON MAY 21

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 36 33 N
LONG 102 40 42 W

A - MANUAL GAUGE

E - ESTIMATED

REGULATED SINCE 1944

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

REMARKS - THE MAXIMUM INSTANTANEOUS WATER LEVEL OCCURRED AS A RESULT OF WIND EFFECT

CRYSTAL CREEK NEAR IFFLEY - STATION NO. 05EG004

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.163B	0.196B	0.284	0.232	1.55	0.081	0.127	0.100	---	---	1
2	---	---	0.163B	0.262B	0.323	0.261	1.56	0.118	0.115	0.086	---	---	2
3	---	---	0.163B	0.342B	0.336	0.285	1.04	0.265	0.133	0.083	---	---	3
4	---	---	0.164B	0.440B	0.329	0.264	0.857	0.237	0.124	0.061	---	---	4
5	---	---	0.166B	0.849B	0.333	0.298	0.476	0.187	0.084	0.197	---	---	5
6	---	---	0.168B	1.21 B	0.323	0.302	0.447	0.150	0.056	0.284	---	---	6
7	---	---	0.171B	1.20 B	0.299	0.263	0.386	0.099	0.042	0.222	---	---	7
8	---	---	0.172B	1.55 B	0.309	0.274	0.347	0.087	0.114	0.136	---	---	8
9	---	---	0.173B	1.74 B	0.299	0.284	0.341	0.083	0.136	0.172	---	---	9
10	---	---	0.173B	2.21 B	0.238	0.285	0.306	0.052	0.131	0.236	---	---	10
11	---	---	0.172B	2.06 B	0.253	0.288	0.285	0.072	0.089	0.236	---	---	11
12	---	---	0.172B	1.81	0.255	0.288	0.287	0.055	0.057	0.203	---	---	12
13	---	---	0.171B	1.50	0.259	0.271	0.505	0.040	0.124	0.292	---	---	13
14	---	---	0.169B	1.30	0.267	0.284	0.343	0.044	0.157	0.251	---	---	14
15	---	---	0.168B	1.02	0.289	0.281	0.287	0.103	0.153	0.147	---	---	15
16	---	---	0.168B	0.858	0.329	0.283	0.227	0.134	0.136	0.131	---	---	16
17	---	---	0.169B	0.621	0.308	0.278	0.230	0.160	0.133	0.111	---	---	17
18	---	---	0.169B	0.418	0.290	0.265	0.200	0.186	0.116	0.085	---	---	18
19	---	---	0.170B	0.278	0.301	0.257	0.230	0.253	0.144	0.082	---	---	19
20	---	---	0.173B	0.252	0.259	0.287	0.314	0.285	0.139	0.086	---	---	20
21	---	---	0.176B	0.238	0.237	0.243	0.249	0.311	0.118	0.079	---	---	21
22	---	---	0.178B	0.233	0.256	0.228	0.210	0.348	0.083	0.069	---	---	22
23	---	---	0.180B	0.280	0.266	0.227	0.147	0.336	0.071	0.068	---	---	23
24	---	---	0.181B	0.229	0.285	0.258	0.130	0.295	0.054	0.066B	---	---	24
25	---	---	0.183B	0.264	0.265	0.233	0.150	0.261	0.061	0.062B	---	---	25
26	---	---	0.185B	0.258	0.232	0.358	0.132	0.255	0.079	0.074B	---	---	26
27	---	---	0.188B	0.267	0.244	0.551	0.105	0.217	0.078	0.071B	---	---	27
28	---	---	0.189B	0.256	0.183	0.302	0.089	0.204	0.091	0.070B	---	---	28
29	---	---	0.189B	0.262	0.217	0.370	0.084	0.175	0.100	0.069B	---	---	29
30	---		0.189B	0.262	0.300	0.486	0.102	0.189	0.105	0.068B	---	---	30
31	---		0.189B		0.327		0.086	0.187		0.068R		---	31
TOTAL	---	---	5.404	22.841	8.703	8.868	11.517	5.454	3.158	3.827	---	---	TOTAL
MEAN	---	---	0.174	0.761	0.281	0.296	0.372	0.176	0.105	0.127	---	---	MEAN
MAX	---	---	0.189	2.21	0.336	0.551	1.56	0.348	0.157	0.292	---	---	MAX
MIN	---	---	0.163	0.196	0.183	0.228	0.084	0.040	0.042	0.061	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

SUMMARY FOR THE MONTHS MAR TO OCT

MEAN, 0.285
MAXIMUM DAILY, 2.215 ON APR 10
MINIMUM DAILY, 0.040 ON AUG 13
MAXIMUM INSTANTANEOUS,
2.415 AT 22:40 CST ON APR 10

TYPE OF GAUGE - RECORDING
LOCATION - LAT 52 58 47 N
LONG 108 09 23 W
DRAINAGE AREA, 500 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	995
FEB	---	AUG	471
MAR	467	SEP	273
APR	1 970	OCT	338
MAY	752	NOV	---
JUN	766	DEC	---

TOTAL DISCHARGE, 6 030 dam³

CUMBERLAND LAKE NEAR CUMBERLAND HOUSE - STATION NO. 05KH002

DAILY WATER LEVEL IN METRES FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	265.455	266.027	265.747	265.408	265.848	284.450	284.328	284.555	284.809	284.714	284.489	284.840	1
2	265.427	266.072	265.727	265.502	265.586	284.531	284.277	284.547	284.697	284.825	284.507	284.684	2
3	265.399	266.120	265.713	265.547	265.557	284.538	284.435	284.495	284.684	284.567	284.547	284.700	3
4	265.430	266.174	265.673	265.528	265.502	284.580	284.408	284.419	284.668	284.502	284.511	284.733	4
5	265.500	266.227	265.659	265.447	265.425	284.615	284.521	284.414	284.653	284.495	284.498	284.889	5
6	265.571	266.262	265.673	265.425	265.357	284.667	284.589	284.617	284.714	284.588	284.450	284.858	6
7	265.631	266.245	265.662	265.364	265.320	284.841	284.315	284.669	284.644	284.643	284.457	284.897	7
8	265.667	266.193	265.600	265.314	265.274	284.818	284.450	284.358	284.485	284.679	284.531	284.821	8
9	265.669	266.183	265.540	265.354	265.258	284.612	284.661	284.398	284.677	284.654	284.629	284.975	9
10	265.693	266.181	265.492	265.492	265.207	284.571	284.642	284.486	284.635	284.594	284.635	285.064	10
11	265.685	266.203	265.450	265.574	265.185	284.505	284.527	284.593	284.614	284.565	284.687	285.152	11
12	265.710	266.222	265.423	265.604	265.187	284.257	284.577	284.681	284.500	284.605	284.655	284.985	12
13	265.736	266.172	265.352	265.655	265.162	284.345	284.582	284.597	284.525	284.679	284.571	284.840	13
14	265.784	266.135	265.259	265.680	265.265	284.414	284.592	284.517	284.510	284.640	284.542	284.853	14
15	265.809	266.124	265.183	265.691	265.194	284.391	284.622	284.477	284.489	284.659	284.559	284.938	15
16	265.807	266.118	265.179	265.688	265.029	284.218	284.782	284.801	284.515	284.602	284.608	285.082	16
17	265.818	266.101	265.168	265.671	284.953	284.381	284.855	284.535	284.668	284.664	284.590	285.124	17
18	265.810	266.047	265.124	265.602	265.068	284.332	284.892	284.437	284.578	284.611	284.491	285.129	18
19	265.768	266.027	265.092	265.602	265.066	284.087	284.925	284.455	284.532	284.677	284.445	285.073	19
20	265.791	266.023	265.093	265.626	265.014	284.330	284.890	284.442	284.577	284.789	284.510	285.105	20
21	265.851	266.012	265.089	265.674	265.048	284.353	284.927	284.512	284.689	284.727	284.514	285.255	21
22	265.892	265.984	265.087	265.730	265.031	284.374	284.925	284.412	284.724	284.703	284.593	285.286	22
23	265.925	265.985	265.084	265.760	284.827	284.398	284.872	284.458	284.705	284.627	284.735	285.319	23
24	265.945	266.019	265.044	265.811	284.757	284.342	284.878	284.653	284.755	284.645	284.698	285.239	24
25	265.932	266.027	284.999	265.822	284.717	284.329	284.934	284.760	284.666	284.587	284.621	285.239	25
26	265.940	265.997	265.046	265.812	284.883	284.324	284.892	284.838	284.863	284.528	284.850	285.312	26
27	265.953	265.935	265.136	265.700	284.759	284.516	284.849	284.776	284.801	284.537	284.668	285.305	27
28	265.996	265.880	265.128	265.673	284.751	284.564	284.762	284.682	284.624	284.564	284.770	285.313	28
29	266.007	265.820	265.277	265.674	284.788	284.420	284.728	284.622	284.528	284.612	284.758	285.352	29
30	266.015		265.340	265.678	284.798	284.319	284.752	284.669	284.832	284.536	284.833	285.339	30
31	266.005		265.302		284.614		284.637	284.718		284.517		285.370	31
MEAN	265.763	266.085	265.335	265.605	265.100	284.450	284.676	284.584	284.659	284.609	284.592	285.049	MEAN
MAX	266.015	266.262	265.747	265.822	265.646	284.841	284.934	284.838	284.888	284.789	284.833	285.370	MAX
MIN	265.399	265.820	284.999	265.314	284.614	284.087	284.277	284.358	284.485	284.495	284.445	284.656	MIN

SUMMARY FOR THE YEAR 1988

WATER LEVELS IN METRES

MEAN, 265.037
MAXIMUM DAILY, 266.262 ON FEB 6
MINIMUM DAILY, 284.087 ON JUN 19
MAXIMUM INSTANTANEOUS,
266.273 AT 06:11 CST ON FEB 6

TYPE OF GAUGE - RECORDING
LOCATION - LAT 53 57 30 N
LONG 102 17 46 W

REGULATED

WATER LEVELS ARE REFERRED TO PROVINCE OF SASKATCHEWAN DATUM

CUTARM CREEK NEAR SPY HILL - STATION NO. 05JM015

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.202B	1.83 B	0.026	0.054	0.003	0	0	0	---	---	1
2	---	---	0.030B	1.93 B	0.460	0.038	0.001	0	0	0	---	---	2
3	---	---	0.001B	1.42 B	0.846	0.019	0.001	0	0	0	---	---	3
4	---	---	0.015B	1.84 B	0.822	0.007	0.001	0	0	0	---	---	4
5	---	---	0.053B	2.78 B	0.757	0.002	0.001	0	0	0	---	---	5
6	---	---	0.119B	2.89 B	1.04	0.001	0.001	0	0	0	---	---	6
7	---	---	0.050B	2.05	1.21	0.001	0.001	0	0	0	---	---	7
8	---	---	0.033B	1.74	1.20	0.001	0.001	0	0	0	---	---	8
9	---	---	0.026B	1.46	0.747	0.001	0.006	0	0	0	---	---	9
10	---	---	0.033B	1.02	0.530	0.001	0.002	0	0	0	---	---	10
11	---	---	0.006B	0.847	0.395	0.001	0.001	0.880	0	0	---	---	11
12	---	---	0.004B	0.874	0.430	0.001	0.001	0.262	0	0	---	---	12
13	---	---	0.003B	0.886	0.489	0.001	0.001	0.056	0	0	---	---	13
14	---	---	0.002B	0.784	0.292	0.018	0.001	0.002	0	0	---	---	14
15	---	---	0.001B	0.600	0.484	0.017	0.001	0.001	0	0	---	---	15
16	---	---	0.001B	0.481	0.480	0.018	0.001	0.001	0	0	---	---	16
17	---	---	0.043B	0.447	0.213	0.446	0.001	0.002	0	0	---	---	17
18	---	---	0.084B	0.425	0.127	0.619	0	0.119	0	0	---	---	18
19	---	---	0.019B	0.286	0.203	0.536	0	0.044	0	0	---	---	19
20	---	---	0.006B	0.172	0.392	0.403	0	0.004	0	0	---	---	20
21	---	---	0.018B	0.084	0.490	0.303	0	0.001	0	0	---	---	21
22	---	---	0.089B	0.033	0.374	0.123	0	0.001	0	0	---	---	22
23	---	0 B	0.114B	0.006	0.312	0.032	0	0.001	0	0	---	---	23
24	---	0 B	0.278B	0.003	0.288	0.010	0	0.001	0	0	---	---	24
25	---	0 B	0.547B	0.002	0.234	0.013	0	0.001	0	0	---	---	25
26	---	0 B	0.570B	0.002	0.208	0.011	0	0	0	0	---	---	26
27	---	0.018B	2.09 B	0.001	0.248	0.009	0	0	0	0	---	---	27
28	---	0.045B	1.34 B	0.001	0.137	0.005	0	0	0	0	---	---	28
29	---	0.107B	1.82 B	0.003	0.130	0.003	0	0	0	0	---	---	29
30	---		1.53 B	0.002	0.085	0.004	0	0	0	0	---	---	30
31	---		1.23 B		0.078		0	0		0		---	31
TOTAL	---	---	10.332	24.640	13.583	2.703	0.027	1.188	0	0	---	---	TOTAL
MEAN	---	---	0.333	0.821	0.438	0.090	0.001	0.038	0	0	---	---	MEAN
MAX	---	---	2.09	2.89	1.21	0.619	0.006	0.880	0	0	---	---	MAX
MIN	---	---	0.001	0.001	0.026	0.001	0	0	0	0	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.214
MAXIMUM DAILY, 2.889 ON APR 6
MINIMUM DAILY, 0 ON JUL 18

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 35 27 N
LONG 101 44 34 W
DRAINAGE AREA, 766 km^2

B - ICE CONDITIONS

REGULATED SINCE 1967

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	2.33
FEB	---	AUG	102
MAR	893	SEP	0
APR	2 130	OCT	0
MAY	1 170	NOV	---
JUN	234	DEC	---

TOTAL DISCHARGE, 4 530 dam^3

CUTKNIFE CREEK NEAR CUTKNIFE - STATION NO. 05FF003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.003B	0.010B	0.007	0.001	0.002	0.001	0	0.001E	---	---	1
2	---	---	0.003B	0.014B	0.006	0.002	0.002	0.003	0	0.001E	---	---	2
3	---	---	0.003B	0.305B	0.005	0.003	0.002	0.002	0	0.001E	---	---	3
4	---	---	0.003B	0.268B	0.007	0.003	0.002	0.001	0	0.001A	---	---	4
5	---	---	0.003B	0.106	0.008	0.002	0.002	0.001	0	0.001E	---	---	5
6	---	---	0.004B	0.066	0.008	0.001	0.002	0.001	0	0.001E	---	---	6
7	---	---	0.004B	0.065	0.008	0.001	0.001	0.002	0	0.001E	---	---	7
8	---	---	0.005B	0.045	0.008	0.001	0.001	0.001	0	0.001E	---	---	8
9	---	---	0.005B	0.036	0.007	0.002	0.001	0.001	0	0.001E	---	---	9
10	---	---	0.005B	0.029	0.008	0.002	0.001	0.001	0	0.001E	---	---	10
11	---	---	0.006B	0.026	0.008	0.002	0.001	0.001	0	0.001E	---	---	11
12	---	---	0.005B	0.018	0.007	0.002	0.001	0.001	0	0.001E	---	---	12
13	---	---	0.005B	0.019	0.008	0.002	0.001	0.001	0	0.001E	---	---	13
14	---	---	0.005B	0.011	0.008	0.002	0.001	0.001	0	0.001E	---	---	14
15	---	---	0.005B	0.009	0.005	0.002	0.002	0.001	0	0.001E	---	---	15
16	---	---	0.005B	0.008	0.004	0.002	0.002	0.001	0	0.001E	---	---	16
17	---	---	0.006B	0.008	0.004	0.002	0.002	0.001	0	0.001E	---	---	17
18	---	---	0.006B	0.008	0.004	0.002	0.002	0.002	0	0.001E	---	---	18
19	---	---	0.006B	0.008	0.003	0.002	0.001	0.001	0	0.001E	---	---	19
20	---	---	0.006B	0.008	0.003	0.002	0.001	0.001	0	0.001E	---	---	20
21	---	---	0.007B	0.007	0.003	0.001	0.001	0.001	0	0.001E	---	---	21
22	---	---	0.007B	0.007	0.003	0.001	0.001	0.001	0	0.001E	---	---	22
23	---	---	0.006B	0.007	0.003	0.001	0.001	0.001	0	0.001E	---	---	23
24	---	---	0.006B	0.007	0.004	0.002	0.001	0	0.001	0.001E	---	---	24
25	---	---	0.006B	0.007	0.003	0.002	0.001	0	0.001	0.001A	---	---	25
26	---	---	0.006B	0.007	0.003	0.002	0.001	0	0.001	0.001E	---	---	26
27	---	---	0.006B	0.008	0.002	0.001	0.001	0	0.001	0.001B	---	---	27
28	---	---	0.007B	0.007	0.001	0.002	0.001	0	0.001	0.001B	---	---	28
29	---	---	0.007B	0.007	0.001	0.003	0.001	0	0.001	0.001B	---	---	29
30	---		0.006B	0.006	0.001	0.002	0.001	0	0.001A	0.001B	---	---	30
31	---		0.006B		0.001		0.001	0		0.001B		---	31
TOTAL	---	---	0.172	1.136	0.147	0.056	0.041	0.026	0.007	0.031	---	---	TOTAL
MEAN	---	---	0.006	0.038	0.005	0.002	0.001	0.001	0	0.001	---	---	MEAN
MAX	---	---	0.008	0.305	0.008	0.003	0.002	0.003	0.001	0.001	---	---	MAX
MIN	---	---	0.003	0.006	0.001	0.001	0.001	0	0	0.001	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.007
MAXIMUM DAILY, 0.305B ON APR 3
MINIMUM DAILY, 0 ON AUG 24
MAXIMUM INSTANTANEOUS,
0.478B AT 03:06 CST ON APR 3

TYPE OF GAUGE - RECORDING
LOCATION - LAT 52 45 15 N
LONG 108 48 52 W
DRAINAGE AREA, 403 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	3.54
FEB	---	AUG	2.42
MAR	14.9	SEP	0.60
APR	98.3	OCT	2.68
MAY	12.7	NOV	---
JUN	4.84	DEC	---

TOTAL DISCHARGE, 140 dam³

CYPRESS LAKE - STATION NO. 11AC037

DAILY WATER LEVEL IN METRES FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	972.767	972.805	972.744	972.265	972.136	971.984	971.823	971.717	971.647E	---	1
2	---	---	972.766	972.804	972.740	972.247	972.132	971.974	971.820	971.714	971.647A	---	2
3	---	---	972.766	972.806	972.733	972.248	972.129	971.970	971.819	971.712	---	---	3
4	---	---	972.772	972.803	972.731	972.243	972.140	971.966	971.815	971.706	---	---	4
5	---	---	972.770	972.803	972.723	972.240	972.152	971.962	971.806	971.696	---	---	5
6	---	---	972.770	972.813	972.718	972.244	972.144	971.953	971.803	971.696	---	---	6
7	---	---	972.771	972.817	972.714	972.242	972.139	971.944	971.797	971.691	---	---	7
8	---	---	972.771	972.810	972.705	972.230	972.140	971.939	971.789	971.690	---	---	8
9	---	---	972.774	972.809	972.708	972.235	972.137	971.934	971.800	971.688	---	---	9
10	---	---	972.777	972.806	972.685	972.232	972.135	971.930	971.797	971.686	---	---	10
11	---	---	972.781	972.804	972.667	972.216	972.131	971.925	971.792	971.682	---	---	11
12	---	---	972.782	972.803	972.645	972.214	972.101	971.920	971.784	971.681	---	---	12
13	---	---	972.781	972.799	972.621	972.230	972.093	971.916	971.769	971.676	---	---	13
14	---	---	972.780	972.795	972.593	972.232	972.084	971.909	971.763	971.673	---	---	14
15	---	---	972.780	972.792	972.571	972.229	972.093	971.914	971.776	971.671	---	---	15
16	---	---	972.781	972.787	972.551	972.227	972.086	971.937	971.772	971.672	---	---	16
17	---	---	972.782	972.783	972.527	972.218	972.080	971.916	971.765	971.669	---	---	17
18	---	---	972.781	972.782	972.502	972.210	972.073	971.907	971.761	971.666	---	---	18
19	---	---	972.781A	972.777	972.480	972.207	972.062	971.900	971.757	971.661	---	---	19
20	---	972.766E	972.784E	972.776	972.459	972.204	972.059	971.894	971.753	971.659	---	---	20
21	---	972.766E	972.787A	972.773	972.438	972.200	972.056	971.877	971.748	971.658	---	---	21
22	---	972.767E	972.768	972.770	972.416	972.182	972.046A	971.878	971.739	971.652	---	---	22
23	---	972.768E	972.780	972.766	972.401	972.184	972.039E	971.878	971.737	971.652	---	---	23
24	---	972.770E	972.783	972.763	972.376	972.181	972.033E	971.875	971.736	971.648	---	---	24
25	---	972.771A	972.784	972.759	972.357	972.179	972.029E	971.868	971.732	971.645	---	---	25
26	---	972.770	972.788	972.758	972.338	972.166	972.026A	971.864	971.729	971.642	---	---	26
27	---	972.767	972.803	972.755	972.318	972.156	972.022	971.857	971.728	971.644A	---	---	27
28	---	972.769	972.803	972.756	972.301	972.156	972.018	971.853	971.722	971.644E	---	---	28
29	---	972.770	972.805	972.752	972.290	972.149	972.013	971.845	971.720	971.645E	---	---	29
30	---		972.807	972.748	972.274	972.136	972.006	971.835	971.719	971.646E	---	---	30
31	---		972.805		972.255		971.998	971.829		971.646E		---	31
MEAN	---	---	972.784	972.786	972.535	972.210	972.082	971.908	971.771	971.672	---	---	MEAN
MAX	---	---	972.807	972.817	972.744	972.265	972.152	971.984	971.823	971.717	---	---	MAX
MIN	---	---	972.766	972.748	972.255	972.136	971.998	971.829	971.719	971.642	---	---	MIN

SUMMARY FOR THE YEAR 1988

WATER LEVELS IN METRES

MAXIMUM DAILY, 972.817 ON APR 7
MINIMUM DAILY, 971.642 ON OCT 26
MAXIMUM INSTANTANEOUS,
972.884 AT 22:20 CST ON APR 11

INTERNATIONAL GAUGING STATION
TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 27 30 N
LONG 109 30 25 W

A - MANUAL GAUGE

E - ESTIMATED

REGULATED SINCE 1938

DRAINAGE AREA,
276 km²

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

REMARKS - THE MAXIMUM INSTANTANEOUS WATER LEVEL OCCURRED AS A RESULT OF WIND EFFECT

CYPRESS LAKE EAST OUTFLOW CANAL - STATION NO. 11AC060

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.032B	0.446B	0.012	0.002	0.206	0	0.009	0.028	---	---	1
2	---	---	0.035B	0.518B	0.012	0.002	0.185	0	0.005	0.028	---	---	2
3	---	---	0.038B	0.451B	0.011	0.001	0.157	0	0.004	0.027	---	---	3
4	---	---	0.041B	0.180	0.010	0.001	0.137	0	0.006	0.028	---	---	4
5	---	---	0.046B	0.381	0.009	0.001	0.123	0	0.005	0.024	---	---	5
6	---	---	0.055B	0.493	0.007	0.001	0.118	0	0.003	0.023	---	---	6
7	---	---	0.068B	0.685	0.009	0.001	0.102	0	0.115	0.022	---	---	7
8	---	---	0.035B	0.719	0.008	0.002	0.084	0	0.218	0.023	---	---	8
9	---	---	0.056B	0.698	0.008	0.003	0.060	0	0.218	0.024	---	---	9
10	---	---	0.071B	0.637	0.008	0.003	0.044	0	0.192	0.022	---	---	10
11	---	---	0.043B	0.558	0.009	0.002	0.032	0	0.179	0.023	---	---	11
12	---	---	0.080B	0.467	0.008	0.001	0.025	0	0.198	0.024	---	---	12
13	---	---	0.062B	0.180	0.008	0.003	0.016	0	0.207	0.024	---	---	13
14	---	---	0.048B	0.048	0.009	0.005	0.012	0	0.185	0.026	---	---	14
15	---	---	0.054B	0.023	0.009	0.004	0.008	0	0.186	0.026	---	---	15
16	---	---	0.044B	0.015	0.009	0.020	0.006	0.003	0.185	0.027	---	---	16
17	---	---	0.042B	0.012	0.009	0.031	0.004	0.023	0.182	0.028	---	---	17
18	---	---	0.079B	0.011	0.008	0.030	0.003	0.012	0.181	0.028	---	---	18
19	---	---	0.134B	0.011	0.008	0.030	0.002	0.008	0.174	0.024	---	---	19
20	---	0.002B	0.144B	0.010	0.010	0.030	0.002	0.003	0.184	0.021	---	---	20
21	---	0.004B	0.108B	0.010	0.010	0.030	0.002	0.002	0.189	0.022	---	---	21
22	---	0.006B	0.074B	0.009	0.007	0.031	0.002	0.001	0.170	0.023	---	---	22
23	---	0.008B	0.022B	0.009	0.006	0.034	0.001	0.007	0.167	0.024	---	---	23
24	---	0.012B	0.031B	0.008	0.006	0.040	0.001	0.027	0.162	0.024	---	---	24
25	---	0.015B	0.104B	0.011	0.005	0.040	0.001	0.027	0.156	0.029	---	---	25
26	---	0.018B	0.302B	0.010	0.003	0.041	0	0.017	0.148	0.031A	---	---	26
27	---	0.021B	0.301B	0.011	0.002	0.041	0	0.007	0.080	0.030E	---	---	27
28	---	0.025B	0.203B	0.012	0.003	0.038	0	0.003	0.043	0.030E	---	---	28
29	---	0.028B	0.182B	0.013	0.003	0.057	0	0.002	0.035	0.030E	---	---	29
30	---		0.163B	0.014	0.003	0.186	0	0.005	0.032	0.030E	---	---	30
31	---		0.323B		0.003		0	0.010		0.030E		---	31
TOTAL	---	---	3.018	6.636	0.236	0.721	1.338	0.157	3.799	0.788	---	---	TOTAL
MEAN	---	---	0.097	0.221	0.008	0.024	0.043	0.005	0.127	0.026	---	---	MEAN
MAX	---	---	0.323	0.719	0.012	0.186	0.206	0.027	0.218	0.031	---	---	MAX
MIN	---	---	0.022	0.008	0.002	0.001	0	0	0.003	0.021	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.068
MAXIMUM DAILY, 0.719 ON APR 8
MINIMUM DAILY, 0 ON JUL 26

INTERNATIONAL GAUGING STATION
TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 28 12 N
LONG 109 21 08 W

A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
REGULATED SINCE 1940

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	115
FEB	---	AUG	13.6
MAR	261	SEP	328
APR	574	OCT	68.0
MAY	20.3	NOV	---
JUN	62.3	DEC	---

TOTAL DISCHARGE, 1 440 dam^3

CYPRESS LAKE WEST INFLOW CANAL - STATION NO. 11AB078

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0 B	0.015B	0	0	0	0	0	0	---	---	1
2	---	---	0 B	0.024B	0	0	0	0	0	0	---	---	2
3	---	---	0 B	0.020B	0	0	0	0	0	0	---	---	3
4	---	---	0 B	0.035B	0	0	0	0	0	0	---	---	4
5	---	---	0 B	1.88 B	0	0	0	0	0	0	---	---	5
6	---	---	0 B	1.86	0	0	0	0	0	0	---	---	6
7	---	---	0.020B	0.120	0	0	0	0	0	0	---	---	7
8	---	---	0.050B	0.013	0	0	0	0	0	0	---	---	8
9	---	---	0.052B	0.008	0	0	0	0	0	0	---	---	9
10	---	---	0.054B	0.007	0	0	0	0	0	0	---	---	10
11	---	---	0.056B	0.005	0	0	0	0	0	0	---	---	11
12	---	---	0.058B	0.004	0	0	0	0	0	0	---	---	12
13	---	---	0.060B	0.003	0	0	0	0	0	0	---	---	13
14	---	---	0.100B	0.021	0	0	0	0	0	0	---	---	14
15	---	---	0.145B	0.009	0	0	0	0	0	0	---	---	15
16	---	---	0.143B	0.003	0	0	0	0	0	0	---	---	16
17	---	---	0.140B	0.002	0	0	0	0	0	0	---	---	17
18	---	---	0.135B	0.001	0	0	0	0	0	0	---	---	18
19	---	---	0.130B	0.001	0	0	0	0	0	0	---	---	19
20	---	---	0.125B	0.001	0	0	0	0	0	0	---	---	20
21	---	---	0.115B	0.001	0	0	0	0	0	0	---	---	21
22	---	---	0.110B	0	0	0	0	0	0	0	---	---	22
23	---	---	0.230B	0	0	0	0	0	0	0	---	---	23
24	---	---	0.120B	0	0	0	0	0	0	0	---	---	24
25	---	0B	0.050B	0	0	0	0	0	0	0	---	---	25
26	---	0B	0.030B	0	0	0	0	0	0	0	---	---	26
27	---	0B	0.020B	0	0	0	0	0	0	0	---	---	27
28	---	0B	0.015B	0	0	0	0	0	0	0	---	---	28
29	---	0B	0.009B	0	0	0	0	0	0	0	---	---	29
30	---		0.007B	0	0	0	0	0	0	0	---	---	30
31	---		0.008B		0		0	0		0		---	31
TOTAL	---	---	1.982	3.935	0	0	0	0	0	0	---	---	TOTAL
MEAN	---	---	0.064	0.131	0	0	0	0	0	0	---	---	MEAN
MAX	---	---	0.230	1.88	0	0	0	0	0	0	---	---	MAX
MIN	---	---	0	0	0	0	0	0	0	0	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.024
MAXIMUM DAILY, 1.88 ON APR 5
MINIMUM DAILY, 0B ON MAR 1

INTERNATIONAL GAUGING STATION
TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 26 16 N
LONG 109 37 08 W

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	0
FEB	---	AUG	0
MAR	171	SEP	0
APR	340	OCT	0
MAY	0	NOV	---
JUN	0	DEC	---

TOTAL DISCHARGE, 511 dam^3

CYPRESS LAKE WEST INFLOW CANAL DRAIN - STATION NO. 11AB065

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0 B	0 B	0.001	0	0	0	0	0	---	---	1
2	---	---	0 B	0.001B	0	0	0	0	0	0	---	---	2
3	---	---	0 B	0.001B	0	0	0	0	0	0	---	---	3
4	---	---	0 B	0.004B	0	0	0	0	0	0	---	---	4
5	---	---	0 B	0.005B	0	0	0	0	0	0	---	---	5
6	---	---	0 B	0.003	0	0	0	0	0	0	---	---	6
7	---	---	0.001B	0.002	0	0	0	0	0	0	---	---	7
8	---	---	0.045B	0.002	0	0	0	0	0	0	---	---	8
9	---	---	0.047B	0.001	0	0	0	0	0	0	---	---	9
10	---	---	0.049B	0.001	0	0	0	0	0	0	---	---	10
11	---	---	0.050B	0.001	0	0	0	0	0	0	---	---	11
12	---	---	0.052B	0.001	0	0	0	0	0	0	---	---	12
13	---	---	0.055B	0.001	0	0	0	0	0	0	---	---	13
14	---	---	0.060B	0.001	0	0	0	0	0	0	---	---	14
15	---	---	0.130B	0.001	0	0	0	0	0	0	---	---	15
16	---	---	0.128B	0.001	0	0	0	0	0	0	---	---	16
17	---	---	0.124B	0.001	0	0	0	0	0	0	---	---	17
18	---	---	0.120B	0.001	0	0	0	0	0	0	---	---	18
19	---	---	0.100B	0.001	0	0	0	0	0	0	---	---	19
20	---	---	0.080B	0.001	0	0	0	0	0	0	---	---	20
21	---	---	0 B	0.001	0	0	0	0	0	0	---	---	21
22	---	---	0 B	0.001	0	0	0	0	0	0	---	---	22
23	---	---	0 B	0.001	0	0	0	0	0	0	---	---	23
24	---	---	0 B	0.001	0	0	0	0	0	0	---	---	24
25	---	0B	0 B	0.001	0	0	0	0	0	0	---	---	25
26	---	0B	0 B	0.001	0	0	0	0	0	0	---	---	26
27	---	0B	0 B	0.001	0	0	0	0	0	0	---	---	27
28	---	0B	0 B	0.001	0	0	0	0	0	0	---	---	28
29	---	0B	0 B	0.001	0	0	0	0	0	0	---	---	29
30	---		0 B	0.001	0	0	0	0	0	0	---	---	30
31	---		0 B		0		0	0		0		---	31
TOTAL	---	---	1.038	0.040	0.001	0	0	0	0	0	---	---	TOTAL
MEAN	---	---	0.034	0.001	0	0	0	0	0	0	---	---	MEAN
MAX	---	---	0.130	0.005	0.001	0	0	0	0	0	---	---	MAX
MIN	---	---	0	0	0	0	0	0	0	0	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.004
MAXIMUM DAILY, 0.130B ON MAR 15
MINIMUM DAILY, 0B ON MAR 1

SUMMARY FOR THE MONTHS MAR TO OCT

INTERNATIONAL GAUGING STATION
TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 28 25 N
LONG 109 36 36 W

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	0
FEB	---	AUG	0
MAR	89.8	SEP	0
APR	3.46	OCT	0
MAY	0.09	NOV	---
JUN	0	DEC	---

TOTAL DISCHARGE, 93.4 dam³

CYPRESS LAKE WEST OUTFLOW CANAL - STATION NO. 11AB077

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0 B	0.008B	0.033	0.002	0.057	0	0	0.124	0.002A	---	1
2	---	---	0 B	0.010B	0.033	0.003	0.056	0	0	0.127	---	---	2
3	---	---	0 B	0.012B	0.024	0.002	0.056	0	0	0.160	---	---	3
4	---	---	0 B	0.008B	0.026	0.002	0.066	0	0.068A	0.155	---	---	4
5	---	---	0 B	0.010B	0.025	0.001	0.068	0	0.203	0.134	---	---	5
6	---	---	0 B	0.012B	0.025	0.004	0.056	0	0.175	0.130	---	---	6
7	---	---	0 B	0.007B	0.019	0.004	0.071	0	0.140	0.073	---	---	7
8	---	---	0 B	0.006	0.015	0.004	0.088	0	0.150	0.006	---	---	8
9	---	---	0 B	0.003	1.70	0.003	0.084	0	0.213	0.003	---	---	9
10	---	---	0 B	0.003	4.27	0.003	0.078	0	0.353	0.002	---	---	10
11	---	---	0 B	0.002	4.72	0.003	0.079	0	0.205	0.002	---	---	11
12	---	---	0 B	0.002	4.75	0.002	0.063	0	0.186	0.002	---	---	12
13	---	---	0 B	0.003	4.61	0.006	0.068	0	0.181	0.002	---	---	13
14	---	---	0 B	0.006	4.02	0.004	0.039	0	0.171	0.001	---	---	14
15	---	---	0 B	0.003	4.24	0.003	0.024	0	0.158	0.001	---	---	15
16	---	---	0 B	0.001	4.15	0.002	0.022	0	0.140	0.002	---	---	16
17	---	---	0 B	0.001	3.66	0.001	0.023	0	0.145	0.002	---	---	17
18	---	---	0 B	0.001	3.68	0.001	0.028	0	0.157	0.002	---	---	18
19	---	---	0 B	0.001	3.63	0.003	0.031	0	0.165	0.002	---	---	19
20	---	---	0 B	0.001	3.39	0.068	0.031	0	0.166	0.001	---	---	20
21	---	---	0 B	0.005	3.24	0.070	0.040	0	0.118	0.001	---	---	21
22	---	---	0 B	0.004	3.17	0.076	0.035	0	0.103	0.001	---	---	22
23	---	---	0 B	0.004	2.88	0.083	0.017	0	0.118	0.001	---	---	23
24	---	---	0.001B	0.006	2.88	0.080	0.005	0	0.114	0.002	---	---	24
25	---	0B	0.001B	0.004	2.66	0.068	0.002	0	0.145	0.002	---	---	25
26	---	0B	0.001B	0.004	2.40	0.063	0.002	0	0.082	0.002	---	---	26
27	---	0B	0.001B	0.002	1.57	0.061	0.001	0	0.141	0	---	---	27
28	---	0B	0.001B	0.001	1.54	0.062	0	0	0.068	0	---	---	28
29	---	0B	0.002B	0.008	1.52	0.056	0	0	0.103	0	---	---	29
30	---		0.004B	0.029	1.06	0.057	0	0	0.113	0.001	---	---	30
31	---		0.005B		0.084		0	0		0.003		---	31
TOTAL	---	---	0.016	0.159	69.866	0.800	1.257	0	4.103	0.944	---	---	TOTAL
MEAN	---	---	0.001	0.005	2.25	0.027	0.041	0	0.137	0.030	---	---	MEAN
MAX	---	---	0.005	0.029	4.75	0.083	0.088	0	0.353	0.160	---	---	MAX
MIN	---	---	0	0.001	0.015	0.001	0	0	0	0	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.315
MAXIMUM DAILY, 4.75 ON MAY 12
MINIMUM DAILY, 0B ON MAR 1

SUMMARY FOR THE MONTHS MAR TO OCT

INTERNATIONAL GAUGING STATION
TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 28 14 N
LONG 109 36 16 W

A - MANUAL GAUGE
B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	109
FEB	---	AUG	0
MAR	1.38	SEP	354
APR	13.7	OCT	81.6
MAY	6 040	NOV	---
JUN	69.1	DEC	---

TOTAL DISCHARGE, 6 670 dam³

DEAD LAKE PROJECT - SOURIS RIVER CHANNEL - STATION NO. 05NB028

DAILY WATER LEVEL IN METRES FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	539.167E	---	539.080E	539.079	539.512	539.308	538.840E	---	---	---	---	---	1
2	---	---	539.080A	539.078	539.525	539.288	538.830E	---	---	---	538.188A	---	2
3	---	539.079A	539.057	539.080	539.516	539.216	538.821E	---	---	---	---	---	3
4	---	---	539.057	539.095	539.508	539.194	538.821E	---	---	---	---	---	4
5	---	---	539.083	539.103	539.487	539.172	538.818E	---	---	---	---	---	5
6	---	---	539.088	539.140	539.488	539.172	538.828E	---	---	538.284A	---	---	6
7	---	---	539.070	539.157	539.516	539.181	538.838E	---	---	---	---	---	7
8	---	---	539.073	539.216	539.518	539.121	538.824E	---	---	---	---	---	8
9	---	---	539.076	539.231	539.515	539.133	538.808E	---	---	---	---	---	9
10	---	---	539.081	539.248	539.508	539.111	538.801E	---	---	---	---	---	10
11	---	---	539.085	539.278	539.510	539.106	538.783E	---	---	---	---	---	11
12	---	---	539.079	539.301	539.510	539.086	538.785E	---	---	---	---	---	12
13	---	---	539.076	539.314	539.482	539.036	538.777E	---	---	---	---	---	13
14	---	---	539.074	539.324	539.513	539.026	538.768E	---	---	---	---	---	14
15	---	---	539.073	539.344	539.515	539.021	538.761E	---	---	---	---	---	15
16	---	---	539.072	539.384	539.482	538.882	538.753E	---	---	---	---	---	16
17	---	---	539.072	539.410	539.473	538.871	538.748E	---	---	---	---	---	17
18	---	---	539.070	539.428	539.482	538.863	538.737E	---	---	---	---	---	18
19	---	---	539.088	539.447	539.473	538.846	538.730E	---	---	---	---	---	19
20	---	---	539.066	539.464	539.488	538.830	538.722E	---	---	---	---	---	20
21	---	---	539.072	539.487	539.488	538.830	538.714E	---	---	---	---	---	21
22	---	---	539.076	539.473	539.480	538.908	538.706E	---	---	---	---	---	22
23	---	---	539.082	539.488	539.453	538.887A	538.698E	---	---	---	---	---	23
24	---	---	539.089	539.508	539.436	538.824A	538.690E	---	---	---	---	---	24
25	---	---	539.091	539.497	539.453	538.898E	538.682E	---	---	---	---	---	25
26	---	---	539.085	539.489	539.442	538.878E	538.674E	---	---	---	---	---	26
27	---	---	539.081	539.488	539.442	538.864E	538.668E	---	---	---	---	---	27
28	---	---	539.086	539.486	539.447	538.848A	538.658E	---	---	---	---	---	28
29	---	539.080E	539.088	539.482	539.424	538.814E	538.650A	---	---	---	538.174A	538.188A	29
30	---		539.080	539.507	539.394	538.847E	538.842E	538.400A	538.278E	---	538.174E	---	30
31	539.067E		539.077		539.343		538.634E	538.386E		538.300E		538.186E	31
MEAN	---	---	539.078	539.335	539.477	539.024	538.749	---	---	---	---	---	MEAN
MAX	---	---	539.098	539.508	539.525	539.308	538.840	---	---	---	---	---	MAX
MIN	---	---	539.057	539.078	539.343	538.814	538.634	---	---	---	---	---	MIN

SUMMARY FOR THE YEAR 1988

WATER LEVELS IN METRES

MAXIMUM DAILY, 539.525 ON MAY 2
MINIMUM DAILY, 538.186E ON DEC 31
MAXIMUM INSTANTANEOUS,
539.560 AT 12:19 CST ON MAY 12

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 17 23 N
LONG 103 26 40 W

A - MANUAL GAUGE

E - ESTIMATED

REGULATED

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

REMARKS - THE MAXIMUM INSTANTANEOUS WATER LEVEL OCCURRED AS A RESULT OF WIND EFFECT

DEAD LAKE RESERVOIR NEAR MIDALE - STATION NO. 05NB022

DAILY WATER LEVEL IN METRES FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	539.464E	---	---	---	---	---	---	---	---	---	---	---	1
2	---	---	539.418A	---	---	---	---	---	---	---	538.552A	---	2
3	---	539.433A	---	---	---	---	---	---	---	---	---	---	3
4	---	---	---	---	---	---	---	---	---	---	---	---	4
5	---	---	---	---	---	---	---	---	---	---	---	---	5
6	---	---	---	---	---	---	---	---	---	538.604A	---	---	6
7	---	---	---	---	---	---	---	---	---	---	---	---	7
8	---	---	---	---	---	---	---	---	---	---	---	---	8
9	---	---	---	---	---	---	---	---	---	---	---	---	9
10	---	---	---	---	---	---	---	---	---	---	---	---	10
11	---	---	---	---	---	---	---	---	---	---	---	---	11
12	---	---	---	---	---	---	---	---	---	---	---	---	12
13	---	---	---	---	---	---	---	---	---	---	---	---	13
14	---	---	---	---	---	---	---	---	---	---	---	---	14
15	---	---	---	---	---	---	---	---	---	---	---	---	15
16	---	---	---	---	---	---	---	---	---	---	---	---	16
17	---	---	---	---	---	---	---	---	---	---	---	---	17
18	---	---	---	---	---	---	---	---	---	---	---	---	18
19	---	---	---	---	---	---	---	---	---	---	---	---	19
20	---	---	---	---	---	---	---	---	---	---	---	---	20
21	---	---	---	---	---	---	---	---	---	---	---	---	21
22	---	---	---	---	---	---	---	---	---	---	---	---	22
23	---	---	---	---	---	---	---	---	---	---	---	---	23
24	---	---	---	---	---	---	---	---	---	---	---	---	24
25	---	---	---	---	---	---	---	---	---	---	---	---	25
26	---	---	---	---	539.288A	---	---	---	---	---	---	---	26
27	---	---	---	---	---	---	---	---	---	---	---	---	27
28	---	---	---	539.358A	---	539.060A	---	---	---	---	---	---	28
29	---	539.419E	---	---	---	---	538.887A	---	---	---	538.542A	---	29
30	---		539.424A	539.350E	---	539.040E	---	538.722A	538.623E	---	538.542E	---	30
31	539.436E		539.422E		539.282E		538.868E	538.719E		538.568E		538.540E	31
MEAN	---	---	---	---	---	---	---	---	---	---	---	---	MEAN
MAX	---	---	---	---	---	---	---	---	---	---	---	---	MAX
MIN	---	---	---	---	---	---	---	---	---	---	---	---	MIN

SUMMARY FOR THE YEAR 1988

WATER LEVELS IN METRES

MAXIMUM DAILY, 539.464E ON JAN 1
MINIMUM DAILY, 538.540E ON DEC 31

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 17 23 N
LONG 103 26 40 W

A - MANUAL GAUGE

E - ESTIMATED

REGULATED

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

DELARONDE LAKE NEAR BIG RIVER - STATION NO. 06AE004

DAILY WATER LEVEL IN METRES FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	---	482.794	482.686	482.670	482.676	482.607	---	---	1
2	---	---	---	---	---	482.797	482.768	482.687	482.652	482.586	482.671	---	2
3	---	---	---	---	---	482.771	482.782	482.687	482.686	482.585	---	---	3
4	---	---	---	---	---	482.741	482.744	482.682	482.656	482.520	---	---	4
5	---	---	---	---	---	482.788	482.718	482.682	482.634	482.553	---	---	5
6	---	---	---	---	---	482.818	482.743	482.711	482.661	482.578	---	---	6
7	---	---	---	---	---	482.814	482.740	482.701	482.726	482.576	---	---	7
8	---	---	---	---	---	482.794	482.738	482.686	482.688	---	---	---	8
9	---	---	---	---	---	482.758	482.753	482.676	---	482.615	---	---	9
10	---	---	---	---	---	482.788	482.728	482.670	482.646	482.572	---	---	10
11	---	---	---	---	---	482.784	482.718	482.681	482.621	482.587	---	---	11
12	---	---	---	---	---	482.814	482.728	482.686	482.606	482.582	---	---	12
13	---	---	---	---	---	482.781	482.738	482.652	482.621	---	---	---	13
14	---	---	---	---	---	482.776	482.730	482.661	482.576	482.586	---	---	14
15	---	---	---	---	---	482.788	482.731	482.665	482.576	482.587	---	---	15
16	---	---	---	---	---	482.724	482.718	482.668	---	---	---	---	16
17	---	---	---	---	482.821	482.784	482.721	482.630	---	482.567	---	---	17
18	---	---	---	---	482.811	482.786	482.717	482.646	---	482.577	---	---	18
19	---	---	---	---	482.812	482.778	482.735	482.694	---	482.522	---	---	19
20	---	---	---	---	482.785	482.767	482.687	482.688	---	482.515	---	---	20
21	---	---	---	---	482.823	482.788	482.702	482.681	---	---	---	---	21
22	---	---	---	---	482.802	482.768	482.706	482.711	---	---	---	---	22
23	---	---	---	---	482.750	482.740	482.717	482.711	482.601	---	---	---	23
24	---	---	---	---	482.832	482.748	482.662	482.711	482.611	---	---	---	24
25	---	---	---	---	482.802	482.758	482.681	482.703	482.582	---	---	---	25
26	---	---	---	---	482.808	482.732	482.687	482.776	482.585	---	---	---	26
27	---	---	---	---	482.780	482.756	482.707	482.668	482.547	---	---	---	27
28	---	---	---	---	482.796	482.740	482.667	482.674	482.587	---	---	---	28
29	---	---	---	---	482.768	482.718	482.697	482.641	482.555	---	---	---	29
30	---		---	---	482.771	482.748	482.681	482.630	482.588	---	---	---	30
31	---		---		482.781		482.674	482.668		---		---	31
MEAN	---	---	---	---	---	482.788	482.717	482.677	---	---	---	---	MEAN
MAX	---	---	---	---	---	482.818	482.782	482.776	---	---	---	---	MAX
MIN	---	---	---	---	---	482.718	482.674	482.630	---	---	---	---	MIN

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - MANUAL
LOCATION - LAT 53 53 33 N
LONG 106 57 16 W
DATA CONTRIBUTED BY -
SASKATCHEWAN WATER CORPORATION

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

DENNIEL CREEK EAST TRIBUTARY NEAR VAL MARIE - STATION NO. 11AC073

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0	0	0	0	0	0	0	0	---	---	1
2	---	---	0	0	0	0	0	0	0	0	---	---	2
3	---	---	0	0	0	0	0	0	0	0	---	---	3
4	---	---	0	0	0	0	0	0	0	0	---	---	4
5	---	---	0	0	0	0	0	0	0	0	---	---	5
6	---	---	0	0	0	0	0	0	0	0	---	---	6
7	---	---	0	0	0	0	0	0	0	0	---	---	7
8	---	---	0	0	0	0	0	0	0	0	---	---	8
9	---	---	0	0	0	0	0	0	0	0	---	---	9
10	---	---	0	0	0	0	0	0	0	0	---	---	10
11	---	---	0	0	0	0	0	0	0	0	---	---	11
12	---	---	0	0	0	0	0	0	0	0	---	---	12
13	---	---	0	0	0	0	0	0	0	0	---	---	13
14	---	---	0	0	0	0	0	0	0	0	---	---	14
15	---	---	0	0	0	0	0	0	0	0	---	---	15
16	---	---	0	0	0	0	0	0	0	0	---	---	16
17	---	---	0	0	0	0	0	0	0	0	---	---	17
18	---	---	0	0	0	0	0	0	0	0	---	---	18
19	---	---	0	0	0	0	0	0	0	0	---	---	19
20	---	---	0	0	0	0	0	0	0	0	---	---	20
21	---	---	0	0	0	0	0	0	0	0	---	---	21
22	---	---	0	0	0	0	0	0	0	0	---	---	22
23	---	---	0	0	0	0	0	0	0	0	---	---	23
24	---	---	0	0	0	0	0	0	0	0	---	---	24
25	---	---	0	0	0	0	0	0	0	0	---	---	25
26	---	---	0	0	0	0	0	0	0	0	---	---	26
27	---	---	0	0	0	0	0	0	0	0	---	---	27
28	---	---	0	0	0	0	0	0	0	0	---	---	28
29	---	---	0	0	0	0	0	0	0	0	---	---	29
30	---		0	0	0	0	0	0	0	0	---	---	30
31	---		0		0		0	0		0		---	31
TOTAL	---	---	0	0	0	0	0	0	0	0	---	---	TOTAL
MEAN	---	---	0	0	0	0	0	0	0	0	---	---	MEAN
MAX	---	---	0	0	0	0	0	0	0	0	---	---	MAX
MIN	---	---	0	0	0	0	0	0	0	0	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0
MAXIMUM DAILY, 0 ON MAR 1
MINIMUM DAILY, 0 ON MAR 1
MAXIMUM INSTANTANEOUS,
0 AT 00:00 CST ON MAR 1

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 15 42 N
LONG 107 40 50 W
DRAINAGE AREA, 118 km²

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	0
FEB	---	AUG	0
MAR	0	SEP	0
APR	0	OCT	0
MAY	0	NOV	---
JUN	0	DEC	---

TOTAL DISCHARGE, 0 dam³

DENNIEL CREEK NEAR VAL MARIE - STATION NO. 11AC025

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0 B	0.005	0.003	0	0	0	0	0	---	---	1
2	---	---	0 B	0.007	0.004	0	0	0	0	0	---	---	2
3	---	---	0 B	0.006	0.004	0	0	0	0	0	---	---	3
4	---	---	0 B	0.010	0.003	0	0	0	0	0	---	---	4
5	---	---	0.001B	0.008	0.002	0	0	0	0	0	---	---	5
6	---	---	0.003B	0.006	0.002	0	0	0	0	0	---	---	6
7	---	---	0.005B	0.008	0.003	0	0	0	0	0	---	---	7
8	---	---	0.005B	0.009	0.003	0	0	0	0	0	---	---	8
9	---	---	0.004B	0.003	0.003	0	0	0	0	0	---	---	9
10	---	---	0.005B	0.002	0.004	0	0	0	0	0	---	---	10
11	---	---	0.005B	0.002	0.003	0	0	0	0	0	---	---	11
12	---	---	0.001B	0.002	0.003	0	0	0	0	0	---	---	12
13	---	---	0.001B	0.002	0.003	0	0	0	0	0	---	---	13
14	---	---	0.001B	0.002	0.004	0	0	0	0	0	---	---	14
15	---	---	0.001B	0.002	0.004	0	0	0	0	0	---	---	15
16	---	---	0.002B	0.003	0.003	0	0	0	0	0	---	---	16
17	---	---	0.001B	0.002	0.003	0	0	0	0	0	---	---	17
18	---	---	0.003B	0.002	0.002	0	0	0	0	0	---	---	18
19	---	---	0.006B	0.001	0.001	0	0	0	0	0	---	---	19
20	---	---	0.007B	0.001	0	0	0	0	0	0	---	---	20
21	---	---	0.010B	0.002	0	0	0	0	0	0	---	---	21
22	---	---	0.012B	0.002	0	0	0	0	0	0	---	---	22
23	---	---	0.010B	0.001	0	0	0	0	0	0	---	---	23
24	---	---	0.010B	0.001	0	0	0	0	0	0	---	---	24
25	---	---	0.008B	0.001	0	0	0	0	0	0	---	---	25
26	---	---	0.008B	0.003	0	0	0	0	0	0	---	---	26
27	---	---	0.012B	0.003	0	0	0	0	0	0	---	---	27
28	---	---	0.012B	0.002	0	0	0	0	0	0	---	---	28
29	---	---	0.008B	0.002	0	0	0	0	0	0	---	---	29
30	---		0.004	0.003	0	0	0	0	0	0	---	---	30
31	---		0.004		0		0	0		0		---	31
TOTAL	---	---	0.151	0.107	0.057	0	0	0	0	0	---	---	TOTAL
MEAN	---	---	0.005	0.004	0.002	0	0	0	0	0	---	---	MEAN
MAX	---	---	0.012	0.010	0.004	0	0	0	0	0	---	---	MAX
MIN	---	---	0	0.001	0	0	0	0	0	0	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.001
MAXIMUM DAILY, 0.012B ON MAR 22
MINIMUM DAILY, 0B ON MAR 1
MAXIMUM INSTANTANEOUS,
0.016B AT 12:15 CST ON MAR 26

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 14 26 N
LONG 107 42 12 W
DRAINAGE AREA, 484 km^2

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	0
FEB	---	AUG	0
MAR	13.0	SEP	0
APR	9.24	OCT	0
MAY	4.92	NOV	---
JUN	0	DEC	---

TOTAL DISCHARGE, 27.2 dam^3

DESCHAMBAULT LAKE ON THE HANSON LAKE ROAD - STATION NO. 05KF003

DAILY WATER LEVEL IN METRES FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	---	---	---	---	---	---	---	---	1
2	---	---	---	---	---	---	---	---	---	---	---	---	2
3	---	---	---	---	---	---	---	---	---	---	324.881	---	3
4	---	---	---	---	---	---	---	324.639	---	---	---	---	4
5	---	---	---	---	---	---	---	---	---	---	---	---	5
6	---	---	---	---	---	---	---	---	---	---	---	---	6
7	---	---	---	---	---	---	---	---	---	---	---	---	7
8	---	---	---	---	---	---	---	---	---	---	---	---	8
9	---	---	---	---	---	---	---	---	---	---	---	---	9
10	---	---	---	---	---	---	---	---	---	---	---	---	10
11	---	---	---	---	---	---	---	---	---	---	---	---	11
12	---	---	---	---	---	---	---	---	---	---	---	---	12
13	---	---	---	---	---	---	---	---	---	---	---	---	13
14	---	---	---	---	---	---	---	---	---	---	---	---	14
15	---	---	---	---	---	---	---	---	---	---	---	---	15
16	---	---	---	---	---	---	---	---	---	---	---	---	16
17	---	---	---	---	---	---	---	---	---	---	---	---	17
18	---	---	---	---	---	---	---	---	---	---	---	---	18
19	---	---	---	---	---	---	---	---	---	---	---	---	19
20	---	---	---	---	---	---	---	---	---	---	---	---	20
21	---	---	---	---	---	---	---	---	---	---	---	---	21
22	---	---	---	---	---	---	---	---	---	---	---	---	22
23	---	---	---	---	---	---	---	---	---	---	---	---	23
24	---	---	---	---	---	---	---	---	---	---	---	---	24
25	---	---	---	---	324.764	---	---	---	---	---	---	---	25
26	---	---	---	---	---	---	---	---	---	---	---	---	26
27	---	---	---	---	---	---	---	---	---	---	---	---	27
28	---	---	---	---	---	---	---	---	---	---	---	---	28
29	---	---	---	---	---	---	---	---	---	---	---	---	29
30	---		---	---	---	---	---	---	---	---	---	---	30
31	---		---		---		---	---		---		---	31
MEAN	---	---	---	---	---	---	---	---	---	---	---	---	MEAN
MAX	---	---	---	---	---	---	---	---	---	---	---	---	MAX
MIN	---	---	---	---	---	---	---	---	---	---	---	---	MIN

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - MANUAL
LOCATION - LAT 54 40 00 N
LONG 103 24 20 W
DATA CONTRIBUTED BY -
SASKATCHEWAN WATER CORPORATION

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

DESCHARME RIVER BELOW DUPRE LAKE - STATION NO. 07CD007

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	7.10B	5.88B	7.06B	7.99	15.4	9.67	9.42	10.9 E	10.4	9.11	8.86	8.33	1
2	7.11B	5.84B	7.14B	8.03	16.7	9.84	9.52	10.6 E	10.4	8.85	9.03	8.27	2
3	7.06B	5.82B	7.20B	8.06	17.3	9.88	9.57	10.4 E	10.4	8.65	8.89	8.35	3
4	7.05B	5.82B	7.28B	8.20	17.6	10.0	9.30	10.2 A	10.4	8.83	8.48	8.32	4
5	7.00B	5.82B	7.32B	8.11	18.1	10.4	9.27	9.98E	10.5	8.83	8.66	8.36	5
6	6.88B	5.82B	7.38B	7.99	18.3	10.7	10.1	9.82E	10.5	8.84	9.56	8.44	6
7	6.84B	5.82B	7.40B	7.95	18.1	10.7	11.2	9.88E	10.5	8.86	9.67	8.52	7
8	6.72B	5.82B	7.42B	7.88	17.9	10.7	11.6	9.54E	10.6	9.22	8.05	8.29	8
9	6.70B	5.82B	7.40B	7.88	17.6	10.8	11.4	9.38E	10.5	9.31	7.53	8.22	9
10	6.66B	5.82B	7.38B	7.87	16.4	10.7	11.5	9.27E	10.4	9.26	7.56	8.03	10
11	6.50B	5.86B	7.38B	8.07	17.1	10.8	11.6	9.08E	10.4	9.27	8.11	7.90	11
12	6.56B	5.92B	7.38B	8.11	16.8	11.1	11.7	8.74A	10.4	9.26	8.83	7.89	12
13	6.33B	6.00B	7.38B	8.16	16.2	11.1	11.9	8.55	10.4	9.24	9.27	7.86	13
14	6.08B	6.08B	7.38B	8.46	15.9	11.1	12.1	8.48	10.3	9.22	9.50	7.82	14
15	6.04B	6.16B	7.38B	9.09	15.2	11.3	12.3	8.46	10.3	9.20	9.66	7.59	15
16	6.00B	6.28B	7.34B	9.76	14.6	11.3	12.5	8.46	10.2	9.06	9.90	7.81	16
17	5.98B	6.34B	7.32B	10.1	15.0	11.4	12.8	8.52	10.1	9.03	10.0	7.84	17
18	5.98B	6.42B	7.32B	10.7	14.3	11.3	12.9	8.40	9.92	9.11	9.70	7.89	18
19	5.96B	6.46B	7.32B	11.2	13.6	11.3 A	13.0	8.41	9.88	9.11	9.40	7.75	19
20	5.96B	6.54B	7.40B	11.3	13.1	10.9	13.0 A	8.45	9.76	9.12	9.16	7.51	20
21	5.94B	6.60B	7.50B	11.4	12.7	10.6	13.3 E	8.56	9.64	9.21	8.88	7.46	21
22	5.96B	6.66B	7.54B	11.7	12.4	10.4	12.8 E	9.07E	9.59	9.54	8.82	7.48	22
23	5.96B	6.72B	7.55B	12.2	11.8	10.0	12.4 A	9.71A	9.70	9.05	9.06	7.49	23
24	5.98B	6.78B	7.48B	13.1	11.6	9.83	12.2 A	10.0	9.59	9.10	9.03	7.43	24
25	5.96B	6.84B	7.43B	15.2	11.3	9.57	12.2 A	10.0	9.48	9.26	9.03	7.42	25
26	5.96B	6.90B	7.45B	15.7	10.9	9.41	12.0 A	10.0	9.34	9.27	8.68	7.42	26
27	5.96B	6.96B	7.52B	16.3	10.6	9.35	11.8 E	10.1	9.26	8.80	8.58	7.40	27
28	5.94B	7.00B	7.50B	16.7	10.4	9.32	11.7 E	10.2	9.17	8.40	8.46	7.08	28
29	5.92B	7.04B	7.57B	16.2	10.1	9.42	11.6 E	10.3	9.19	8.37	8.32	6.88	29
30	5.90B		7.74B	16.2	9.87	9.44	11.3 E	10.3	9.21	8.39	8.32	7.08	30
31	5.88B		7.63B		10.0		11.1 E	10.3		8.56		7.08	31
TOTAL	196.19	181.83	229.88	319.81	448.17	312.91	358.28	294.06	300.81	279.70	265.03	240.86	TOTAL
MEAN	6.33	6.27	7.41	10.7	14.5	10.4	11.6	9.49	10.0	9.03	8.83	7.76	MEAN
MAX	7.10	7.04	7.63	16.7	18.3	11.4	13.3	10.9	10.6	9.54	10.0	8.52	MAX
MIN	5.88	5.82	7.06	7.87	9.87	9.32	9.27	8.40	9.17	8.37	7.53	6.88	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 9.27
MAXIMUM DAILY, 18.3 ON MAY 6
MINIMUM DAILY, 5.82B ON FEB 3
MAXIMUM INSTANTANEOUS,
19.1 AT 09:30 CST ON MAY 14

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 57 07 23 N
LONG 109 13 38 W
DRAINAGE AREA, 1 690 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	17 000	JUL	31 000
FEB	15 700	AUG	25 400
MAR	19 900	SEP	26 000
APR	27 600	OCT	24 200
MAY	38 700	NOV	23 200
JUN	27 000	DEC	20 800

TOTAL DISCHARGE, 297 000 dam³

REMARKS - THE PEAK DISCHARGE WAS PROBABLY CAUSED BY WIND ON DUPRE LAKE

DILLON RIVER BELOW DILLON LAKE - STATION NO. 06BA002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.23 B	0.906B	0.916B	1.03 B	6.03	4.27	7.19	28.1	19.3	6.77	3.67B	3.47B	1
2	1.16 B	0.916B	0.920B	1.04 B	6.19	4.56	7.10	26.6	19.2	6.87	3.97B	3.50B	2
3	0.999B	0.771B	0.861B	0.963B	6.28	4.76	7.13	25.5	19.1	6.03	3.89B	3.41B	3
4	0.846B	0.763B	0.970B	1.10 B	6.22	4.87	7.61	24.1	18.9	5.93	3.82B	3.41B	4
5	0.731B	0.736B	0.926B	1.23 B	6.10	5.16	7.57	23.1	16.5	5.93	3.82B	3.29B	5
6	0.697B	0.836B	0.920B	1.14 B	6.25	5.42	7.53	21.0	16.6	5.85	3.72B	3.32B	6
7	0.664B	0.870B	0.862B	1.19 B	6.42	5.65	10.0	20.1	20.3	5.86	3.46B	3.26B	7
8	0.651B	0.843B	0.872B	1.34	6.49	5.59	10.3	18.5	20.1	5.86	3.26B	3.19B	8
9	0.530B	0.765B	0.906B	1.40	6.54	5.66	8.99	17.6	18.2	5.88	3.23B	3.16B	9
10	0.565B	0.696B	0.993B	1.40	6.37	6.07	8.62	15.5	15.2	5.82	3.21B	3.10B	10
11	0.530B	0.769B	0.982B	1.55	6.42	6.46	8.93	15.2	14.6	5.27	3.22B	3.01B	11
12	0.464B	0.950B	0.930B	1.57	6.47	7.36	9.32	14.5	14.7	5.24	3.24B	2.93B	12
13	0.413B	0.935B	0.945B	1.49	6.17	6.47	11.9	13.6	13.1	5.23	3.30B	2.89B	13
14	0.437B	0.813B	0.925B	1.48	6.13	6.71	13.4	13.4	12.6	5.20	3.34B	2.75B	14
15	0.574B	0.906B	0.921B	1.76	5.98	6.71	15.0	12.4	12.2	5.37	3.19B	2.69B	15
16	0.730B	0.924B	0.900B	2.13	5.85	7.00	17.2	11.3	12.0	5.06	3.17B	2.50B	16
17	0.641B	0.858B	0.864B	2.24	5.96	7.18	19.0	10.6	11.1	5.09	3.18B	2.37B	17
18	0.665B	0.814B	0.826B	2.55	5.75	7.42	21.5	9.87	10.2	4.81	3.32B	2.27B	18
19	0.747B	0.780B	0.805B	2.88	5.29	8.12	23.1	10.6	9.72	4.78	3.16B	2.16B	19
20	0.743B	0.799B	0.786B	3.12	5.17	7.27	25.4	10.5	9.39	5.06	3.09B	2.09B	20
21	0.830B	0.980B	0.867B	3.38	4.98	7.28	27.9	11.5	9.14	4.27	2.87B	2.00B	21
22	0.694B	0.888B	0.856B	3.56	4.72	6.65	30.6	14.0	9.26	4.03B	3.00B	1.91B	22
23	0.743B	0.983B	0.862B	3.86	3.75	7.04	33.0	13.6	8.83	4.07B	3.07B	1.87B	23
24	0.641B	0.881B	0.894B	4.16	4.81	7.36	33.0	14.2	8.43	4.14B	3.06B	1.82B	24
25	0.673B	1.13 B	0.913B	4.46	4.43	7.21	34.2	14.3	7.86	3.88B	3.11B	1.76B	25
26	0.771B	1.06 B	0.850B	4.75	4.37	6.75	34.4	15.7	7.76	3.81B	3.10B	1.74B	26
27	0.772B	1.06 B	0.869B	5.01	4.12	7.18	33.6	15.7	7.27	3.97B	3.09B	1.70B	27
28	0.787B	0.916B	0.845B	5.20	4.15	6.60	33.3	16.2	7.57	2.92B	3.04B	1.68B	28
29	0.883B	0.906B	0.913B	5.41	3.77	6.53	32.0	17.0	8.45	3.76B	2.99B	1.66B	29
30	0.916B		0.882B	5.69	3.85	6.90	31.7	18.3	8.10	3.81B	3.09B	1.64B	30
31	0.920B		0.958B		4.42		30.1	18.2		3.88B		1.63B	31
TOTAL	[illegible]2.607	25.38[illegible]	27.842	78.113	168.04	192.43	601.19	513.57	387.74	153.72	98.98	78.26	TOTAL
MEAN	0.728	0.875	0.901	2.60	5.45	6.41	19.4	16.6	12.9	4.96	3.30	2.52	MEAN
MAX	1.23	1.13	0.993	5.69	6.54	8.12	34.4	28.1	20.3	6.77	3.97	3.50	MAX
MIN	0.413	0.696	0.786	0.963	3.75	4.27	7.10	9.87	7.27	2.92	2.87	1.63	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 6.42
MAXIMUM DAILY, 34.4 ON JUL 26
MINIMUM DAILY, 0.413B ON JAN 13
MAXIMUM INSTANTANEOUS,
35.9 AT 14:45 CST ON JUL 26

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 55 42 36 N
LONG 109 22 06 W
DRAINAGE AREA, 2 330 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	1 970	JUL	51 900
FEB	2 190	AUG	44 400
MAR	2 410	SEP	33 500
APR	6 750	OCT	13 300
MAY	14 600	NOV	8 550
JUN	16 600	DEC	6 760

TOTAL DISCHARGE, 203 000 dam³

REMARKS - DISCHARGES WERE AFFECTED BY WIND ON DILLON LAKE

DOGHIDE RIVER NEAR RUNCIMAN - STATION NO. 05KB011

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0B	0 B	0.386	0.015	0	0	0	0	0	---	1
2	---	---	0B	0 B	0.371	0.011	0	0	0	0	0	---	2
3	---	---	0B	0 B	0.301	0.007	0	0	0	0	0A	---	3
4	---	---	0B	0 B	0.244	0.004	0	0	0	0	---	---	4
5	---	---	0B	0.034 B	0.201	0.002	0	0	0	0	---	---	5
6	---	---	0B	4.48 B	0.183	0	0	0	0	0	---	---	6
7	---	---	0B	15.3 B	0.187	0	0	0	0	0	---	---	7
8	---	---	0B	23.7 B	0.188	0	0	0	0	0	---	---	8
9	---	---	0B	23.9 B	0.135	0	0	0	0	0	---	---	9
10	---	---	0B	19.8 B	0.117	0	0	0	0	0	---	---	10
11	---	---	0B	24.5 B	0.112	0	0	0	0	0	---	---	11
12	---	---	0B	26.1	0.107	0	0	0	0	0	---	---	12
13	---	---	0B	24.2	0.082	0	0	0	0	0	---	---	13
14	---	---	0B	16.4	0.077	0	0	0	0	0	---	---	14
15	---	---	0B	11.4	0.071	0	0	0	0	0	---	---	15
16	---	---	0B	8.87 A	0.068	0	0	0	0	0	---	---	16
17	---	---	0B	7.05	0.068	0	0	0	0	0	---	---	17
18	---	---	0B	5.43 A	0.062	0	0	0	0	0	---	---	18
19	---	---	0B	3.85 A	0.058	0	0	0	0	0	---	---	19
20	---	---	0B	2.87 A	0.050	0	0	0	0	0	---	---	20
21	---	---	0B	2.24	0.041	0	0	0	0	0	---	---	21
22	---	---	0B	1.84	0.039	0	0	0	0	0	---	---	22
23	---	---	0B	1.52	0.034	0	0	0	0	0	---	---	23
24	---	---	0B	1.18	0.027	0	0	0	0	0	---	---	24
25	---	---	0B	0.831	0.028	0	0	0	0	0	---	---	25
26	---	---	0B	0.726	0.026	0	0	0	0	0	---	---	26
27	---	---	0B	0.630	0.025	0	0	0	0	0	---	---	27
28	---	---	0B	0.511	0.024	0	0	0	0	0	---	---	28
29	---	0B	0B	0.432	0.023	0	0	0	0	0	---	---	29
30	---		0B	0.381	0.022	0	0	0	0	0	---	---	30
31	---		0B		0.022		0	0		0		---	31
TOTAL	---	---	0	228.475	3.260	0.039	0	0	0	0	---	---	TOTAL
MEAN	---	---	0	7.62	0.105	0.001	0	0	0	0	---	---	MEAN
MAX	---	---	0	26.1	0.371	0.015	0	0	0	0	---	---	MAX
MIN	---	---	0	0	0.022	0	0	0	0	0	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.946
MAXIMUM DAILY, 26.1 ON APR 12
MINIMUM DAILY, 0B ON MAR 1
MAXIMUM INSTANTANEOUS,
26.90 AT 09:05 CST ON APR 9

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 52 58 15 N
LONG 104 04 55 W
DRAINAGE AREA, 440 km^2
A - MANUAL GAUGE
B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	0
FEB	---	AUG	0
MAR	0	SEP	0
APR	19 700	OCT	0
MAY	282	NOV	---
JUN	3.37	DEC	---

TOTAL DISCHARGE, 20 000 dam^3

DORE LAKE AT DORE LAKE - STATION NO. 06AG003

DAILY WATER LEVEL IN METRES FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	---	---	---	---	28.456	---	---	---	1
2	---	---	---	---	---	---	---	---	28.451	---	---	---	2
3	---	---	---	---	---	---	---	---	---	28.333	---	---	3
4	---	---	---	---	---	---	---	---	---	28.333	---	---	4
5	---	---	---	---	---	---	---	---	---	---	---	---	5
6	---	---	---	---	---	---	---	---	28.437	28.327	---	---	6
7	---	---	---	---	---	---	---	---	28.455	---	---	---	7
8	---	---	---	---	---	---	---	---	28.431	---	---	---	8
9	---	---	---	---	---	---	---	---	---	---	---	---	9
10	---	---	---	---	---	---	---	---	---	---	---	---	10
11	---	---	---	---	---	---	---	---	---	28.323	---	---	11
12	---	---	---	---	---	---	---	---	---	---	---	---	12
13	---	---	---	---	---	---	---	---	28.384	28.325	---	---	13
14	---	---	---	---	---	---	---	---	28.383	---	---	---	14
15	---	---	---	---	---	---	---	---	28.385	---	---	---	15
16	---	---	---	---	---	---	---	---	28.423	---	---	---	16
17	---	---	---	---	---	---	---	---	---	---	---	---	17
18	---	---	---	---	---	---	---	28.453	---	28.316	---	---	18
19	---	---	---	---	---	---	---	28.461	28.379	---	---	---	19
20	---	---	---	---	---	---	---	---	28.383	28.321	---	---	20
21	---	---	---	---	---	---	---	---	28.357	---	---	---	21
22	---	---	---	---	---	---	---	---	28.373	---	---	---	22
23	---	---	---	---	---	---	---	28.483	---	---	---	---	23
24	---	---	---	---	---	---	---	28.493	---	---	28.280	---	24
25	---	---	---	---	---	---	---	28.483	---	---	---	---	25
26	---	---	---	---	---	---	---	---	28.387	---	---	---	26
27	---	---	---	---	---	---	---	28.475	28.335	---	---	---	27
28	---	---	---	---	---	---	---	---	28.355	---	---	---	28
29	---	---	---	---	---	---	---	28.485	28.327	---	---	---	29
30	---		---	---	---	---	---	28.455	28.339	---	---	---	30
31	---		---		---		---	28.443		---		---	31
MEAN	---	---	---	---	---	---	---	---	---	---	---	---	MEAN
MAX	---	---	---	---	---	---	---	---	---	---	---	---	MAX
MIN	---	---	---	---	---	---	---	---	---	---	---	---	MIN

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - MANUAL
LOCATION - LAT 54 37 42 N
LONG 107 23 41 W
DATA CONTRIBUTED BY -
SASKATCHEWAN WATER CORPORATION

WATER LEVELS ARE REFERRED TO ASSUMED DATUM

DORE RIVER NEAR THE MOUTH - STATION NO. 06AG002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.88B	1.15B	1.36B	2.46B	7.69	9.57	4.88	2.50	3.88	1.72	1.32 B	0.928B	1
2	1.69B	1.17B	1.21B	2.55B	7.78	8.82	4.01	2.32	3.37	1.63	1.26 B	0.864B	2
3	1.61B	1.16B	1.23B	2.53B	7.72	8.23	3.56	2.20	3.17	1.64	1.37 B	0.750B	3
4	1.55B	1.15B	1.30B	2.52B	7.59	7.47	3.82	2.05	3.03	1.65	1.38 B	0.862B	4
5	1.26B	1.17B	1.46B	2.51B	7.49	7.33	3.65	1.95	2.89	1.66	1.34 B	0.813B	5
6	1.14B	1.20B	1.57B	2.51B	7.56	7.21	7.71	2.22	2.72	1.61	1.29 B	0.818B	6
7	1.14B	1.23B	1.52B	2.51B	7.80	8.92	8.48	3.98	2.61	1.60	1.19 B	0.822B	7
8	1.16B	1.20B	1.65B	2.54B	7.40	8.73	6.86	4.78	2.51	1.93	1.16 B	0.769B	8
9	1.21B	1.15B	1.52B	2.51B	7.34	7.30	6.59	4.30	2.29	1.69	1.01 B	0.789B	9
10	1.28B	1.13B	1.47B	2.70B	7.39	6.56	6.13	3.78	2.10	1.60	0.946B	0.765B	10
11	1.30B	1.18B	1.47B	2.87B	7.29	6.20	7.44	3.44	2.03	1.66	0.899B	0.889B	11
12	1.30B	1.23B	1.42B	3.22B	7.20	5.75	6.62	3.24	2.02	1.57	0.904B	0.876B	12
13	1.28B	1.26B	1.29B	3.36B	7.17	5.23	6.18	3.11	1.87	1.64	0.851B	0.880B	13
14	1.21B	1.26B	1.26B	3.58B	7.08	5.16	9.74	2.86	1.78	1.59	0.942B	0.700B	14
15	1.15B	1.28B	1.21B	4.80B	7.79	5.02	9.42	2.52	1.73	1.59	0.899B	0.710B	15
16	1.13B	1.28B	1.16B	6.69B	7.82	4.57	9.04	2.36	1.71	1.66	0.903B	0.702B	16
17	1.13B	1.27B	1.17B	5.82B	7.66	4.25	8.20	2.20	1.82	1.56	0.895B	0.649B	17
18	1.10B	1.27B	1.20B	6.49B	7.69	3.95	7.55	2.17	1.68	1.59	0.900B	0.654B	18
19	1.07B	1.26B	1.70B	7.15B	7.28	3.72	6.98	2.98	1.60	1.53	0.762B	0.650B	19
20	1.05B	1.27B	2.80B	9.00B	7.20	3.27	6.46	3.73	1.74	1.52	0.804B	0.629B	20
21	1.07B	1.28B	3.29B	9.98B	7.17	3.12	5.84	4.20	1.73	1.51	0.827B	0.625B	21
22	1.08B	1.29B	3.00B	9.16B	6.97	3.01	5.21	6.48	1.65	1.49	0.823B	0.586B	22
23	1.08B	1.28B	2.53B	7.83	6.84	2.94	4.74	8.07	1.76	1.48	0.864B	0.589B	23
24	1.08B	1.28B	2.49B	7.80	6.60	2.95	4.28	7.72	1.86	1.35	0.838B	0.545B	24
25	1.14B	1.24B	2.50B	7.82	6.50	2.83	3.82	6.63	1.83	1.29B	0.882B	0.550B	25
26	1.20B	1.27B	2.43B	7.47	6.18	2.82	3.78	6.11	1.81	1.31B	0.868B	0.486B	26
27	1.23B	1.32B	2.44B	7.33	6.05	2.51	3.42	5.43	1.69	1.23B	0.722B	0.429B	27
28	1.21B	1.30B	2.35B	7.36	6.03	2.54	3.11	4.85	1.79	1.15B	0.861B	0.352B	28
29	1.20B	1.34B	2.44B	7.61	5.89	3.00	2.81	4.53	1.89	1.09B	0.815B	0.473B	29
30	1.17B		2.36B	7.99	6.17	5.27	2.74	4.14	1.82	1.10B	0.836B	0.408B	30
31	1.16B		2.64B		6.31		2.72	3.64		1.29B		0.457B	31
TOTAL	38.75	35.97	57.53	156.26	223.01	154.09	185.05	121.05	64.20	47.36	29.245	20.588	TOTAL
MEAN	1.25	1.24	1.86	5.21	7.19	5.14	5.97	3.90	2.14	1.53	0.975	0.664	MEAN
MAX	1.88	1.36	3.29	9.98	8.31	9.57	9.74	8.07	3.88	1.93	1.37	0.928	MAX
MIN	1.05	1.13	1.17	2.46	5.89	2.51	2.72	1.95	1.61	1.09	0.688	0.352	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 3.10
MAXIMUM DAILY, 9.98B ON APR 21
MINIMUM DAILY, 0.352B ON DEC 28
MAXIMUM INSTANTANEOUS,
11.08 AT 09:44 CST ON APR 20

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 54 55 49 N
LONG 107 44 37 W
DRAINAGE AREA, 2 980 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	3 350	JUL	16 000
FEB	3 110	AUG	10 500
MAR	4 970	SEP	5 550
APR	13 500	OCT	4 090
MAY	19 300	NOV	2 530
JUN	13 300	DEC	1 780

TOTAL DISCHARGE, 98 000 dam³

DOUGLAS RIVER NEAR CLUFF LAKE - STATION NO. 07MA003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	7.96B	7.44B	7.55B	6.36	15.5A	14.5	11.2	19.8	14.2	14.6	11.0E	10.2 E	1
2	8.01B	7.36B	7.64B	6.28	17.9A	14.3	11.0	19.4	14.0	14.2	11.0E	10.2 E	2
3	8.04B	7.32B	7.39B	6.16	20.5A	14.3	10.8	19.5	13.6	13.9	10.9E	10.2 E	3
4	7.92B	7.26B	7.53B	6.34	23.1A	14.1	10.7	19.5	13.5	13.6	10.9E	10.2 E	4
5	7.95B	7.18B	7.59B	6.24	24.2	14.0	10.7	19.4	13.3	13.3	10.8E	10.2 E	5
6	7.98B	7.17B	7.60B	6.29	25.2	13.6	11.5	19.0	13.0	13.1A	10.8E	10.2 E	6
7	7.89B	7.20B	7.62B	7.56	26.0	13.3	12.9	18.9	12.6	13.0E	10.7E	10.2 A	7
8	7.73B	7.19B	7.55B	7.21	26.6	13.2	14.4	18.2	12.3	12.9E	10.7E	10.0	8
9	7.84B	7.14B	7.21B	6.52	26.5	13.1	15.3	17.6	12.7	12.8E	10.7E	9.40	9
10	7.85B	7.05B	7.01B	6.40	26.6	12.8	15.8	17.6	12.9	12.7E	10.8E	9.20	10
11	8.09B	6.86B	6.95B	6.42	26.6	12.7	18.4	17.4	13.2	12.6E	10.8E	9.21	11
12	7.98B	7.24B	6.93B	6.49	26.3	13.1	20.7	17.5	13.7	12.5E	10.8E	9.28	12
13	7.98B	7.45B	6.82B	6.48	26.7	13.4	22.9	17.4	14.3	12.4E	10.6E	9.22	13
14	8.10B	7.50B	6.68B	6.39	26.8	13.9	24.3	17.3	14.8	12.3E	10.5E	9.05	14
15	8.28B	7.53B	6.73	6.45	26.5	14.5	25.1	17.0	15.3	12.2E	10.5E	8.99	15
16	8.35B	7.49B	6.66	6.66	25.6	15.1	26.0	16.7	16.0	12.1E	10.5E	8.98	16
17	8.26B	7.73B	6.77	6.69	24.5	15.4	25.2	16.2	16.1	12.0E	10.4E	8.97	17
18	8.21B	7.71B	6.66	6.93	23.5	15.4	24.9	15.8	16.8	11.9E	10.4E	9.05	18
19	8.12B	7.73B	6.61	6.99	22.8	15.0	24.6	15.4	17.1	11.8E	10.4E	9.05	19
20	8.16B	7.76B	7.03	7.05	21.8	14.5	25.3	15.1	17.4	11.8E	10.4E	8.90	20
21	8.16B	7.76B	6.91	7.20	20.9	13.9	25.6	14.9	17.6	11.7E	10.4E	8.92	21
22	8.05B	7.61B	6.76	7.36	20.3	12.5	25.7	15.0	18.0	11.6E	10.3E	8.92	22
23	7.97B	7.64B	6.62	7.53	18.9	13.0	25.4	15.0	17.8	11.6E	10.3E	8.88	23
24	7.94B	7.53B	6.50	7.71	18.4	12.5	24.5	15.2	17.4	11.6E	10.3E	8.80	24
25	7.95B	7.56B	6.86	7.83	17.4	12.1	23.7	15.2	17.0	11.4E	10.3E	8.81	25
26	7.65B	7.56B	7.29	7.09	17.3	11.8	22.8	15.3	16.5	11.4E	10.3E	8.82	26
27	7.69B	7.72B	6.65	6.46	16.9	11.8	21.9	15.1	16.1	11.3E	10.3E	8.86	27
28	7.84B	7.69B	6.64	6.07	15.9	11.5	21.1	15.0	15.8	11.2E	10.3E	8.91	28
29	7.54B	7.45B	6.49	10.1 A	15.1	11.5	20.4	14.8	15.3	11.2E	10.2E	9.02	29
30	7.52B		6.39	12.7 A	14.8	11.5	19.8	14.5	15.0	11.1E	10.2E	9.07	30
31	7.51B		6.30		14.5		19.7	14.4		11.1E		9.12	31
TOTAL	246.56	216.18	216.76	218.28	669.6	403.1	613.2	518.9	453.5	380.6	315.6	288.91	TOTAL
MEAN	7.95	7.45	6.99	7.28	21.6	13.4	19.8	16.7	15.1	12.3	10.5	9.32	MEAN
MAX	8.35	7.81	7.62	12.7	26.8	15.4	26.0	19.8	18.0	14.6	11.0	10.2	MAX
MIN	7.51	6.86	6.30	6.16	14.5	11.5	10.7	14.4	12.3	11.1	10.2	8.80	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 12.4
MAXIMUM DAILY, 26.8 ON MAY 14
MINIMUM DAILY, 6.16 ON APR 3
MAXIMUM INSTANTANEOUS,
26.9 AT 08:36 CST ON MAY 14

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 58 19 20 N
LONG 109 47 10 W
DRAINAGE AREA, 1 690 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	21 300	JUL	53 000
FEB	18 700	AUG	44 800
MAR	18 700	SEP	39 200
APR	18 900	OCT	32 900
MAY	57 800	NOV	27 300
JUN	34 800	DEC	25 000

TOTAL DISCHARGE, 393 000 dam³

DOWNIE LAKE INFLOW CANAL - STATION NO. 05HA070

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	0 B	0.537B	0.155E	0E	0	0	0	0	0	---	---	1
2	---	0 B	0.508B	0.145E	0E	0	0	0	0	0	---	---	2
3	---	0 B	0.312B	0.140E	0E	0	0	0	0	0	---	---	3
4	---	0 B	0.191B	0.135E	0	0	0	0	0	0	---	---	4
5	---	0 B	0.117B	0.130E	0	0	0	0	0	0	---	---	5
6	---	0 B	0.218B	0.130E	0	0	0	0	0	0	---	---	6
7	---	0 B	0.360B	0.127A	0	0	0	0	0	0	---	---	7
8	---	0 B	0.209B	0.126A	0	0	0	0	0	0	---	---	8
9	---	0 B	0.172B	0.123E	0	0	0	0	0	0	---	---	9
10	---	0 B	0.588B	0.115E	0	0	0	0	0	0	---	---	10
11	---	0 B	0.468B	0.094E	0	0	0	0	0	0	---	---	11
12	---	0 B	0.163B	0.080E	0	0	0	0	0	0	---	---	12
13	---	0 B	0.043B	0.062E	0	0	0	0	0	0	---	---	13
14	---	0 B	0.015B	0.044E	0	0	0	0	0	0	---	---	14
15	---	0 B	0.008B	0.035E	0	0	0	0	0	0	---	---	15
16	---	0 B	0.004B	0.027E	0	0	0	0.009	0	0	---	---	16
17	---	0 B	0.003B	0.021E	0	0	0	0.001	0	0	---	---	17
18	---	0 B	0.001B	0.010E	0	0	0	0	0	0	---	---	18
19	---	0 B	0.010B	0.005E	0	0	0	0	0	0	---	---	19
20	---	0 B	0.718B	0 E	0	0	0	0	0	0	---	---	20
21	---	0 B	1.44	0 E	0	0	0	0	0	0	---	---	21
22	---	0 B	1.18	0 E	0	0	0	0	0	0	---	---	22
23	---	0 B	0.448	0 E	0	0	0	0	0	0	---	---	23
24	---	0 B	0.430E	0 E	0	0	0	0	0	0	---	---	24
25	---	0 B	0.400E	0 E	0	0	0	0	0	0	---	---	25
26	---	0 B	0.335E	0 E	0	0	0	0	0	0	---	---	26
27	---	0 B	0.290E	0 E	0	0	0	0	0	0	---	---	27
28	---	0.744B	0.260E	0 E	0	0	0	0	0	0	---	---	28
29	---	1.14 B	0.225E	0 E	0	0	0	0	0	0	---	---	29
30	---		0.185E	0 E	0	0	0	0	0	0	---	---	30
31	---		0.170E		0		0	0		0		---	31
TOTAL	---	1.884	10.038	1.703	0	0	0	0.010	0	0	---	---	TOTAL
MEAN	---	0.065	0.324	0.057	0	0	0	0	0	0	---	---	MEAN
MAX	---	1.14	1.44	0.155	0	0	0	0.009	0	0	---	---	MAX
MIN	---	0	0.001	0	0	0	0	0	0	0	---	---	MIN

SUMMARY FOR THE MONTHS FEB TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.050
MAXIMUM DAILY, 1.44 ON MAR 21
MINIMUM DAILY, 0B ON FEB 1
MAXIMUM INSTANTANEOUS,
2.489 AT 14:02 CST ON FEB 28

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 46 05 N
LONG 109 38 10 W

A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	0
FEB	163	AUG	0.86
MAR	867	SEP	0
APR	147	OCT	0
MAY	0	NOV	---
JUN	0	DEC	---

TOTAL DISCHARGE, 1 180 dam³

REMARKS - SOME RUNOFF, INCLUDING THE PEAK DISCHARGE, OCCURRED IN FEBRUARY, OUTSIDE THE STANDARD PERIOD

DOWNIE LAKE RESERVOIR NEAR MAPLE CREEK - STATION NO. 05HA064

DAILY WATER LEVEL IN METRES FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	875.575E	875.622	876.157	876.146	874.480E	874.317	874.138	873.830E	873.754	---	---	1
2	---	875.575E	875.636	876.186	876.137	874.465E	874.306	874.121	873.830E	873.757	---	---	2
3	---	875.575E	875.657	876.190	876.126	874.460E	874.308	874.111	873.820E	873.725	---	---	3
4	---	875.575E	875.675	876.212	876.111A	874.470E	874.300	874.106	873.820E	873.688	---	---	4
5	---	875.575E	875.684	876.221	876.110E	874.465E	874.308	874.125	873.810E	873.722	---	---	5
6	---	875.575E	875.688	876.232	876.110E	874.460E	874.304	874.132	873.805E	873.724	---	---	6
7	---	875.575E	875.702	876.236	876.110A	874.455E	874.301	874.124	873.805E	873.707	---	---	7
8	---	875.575E	875.709	876.240	876.105E	874.453E	874.295	874.092	873.800E	873.732	---	---	8
9	---	875.575E	875.724	876.238	876.100E	874.452A	874.287	874.094A	873.800E	873.737	---	---	9
10	---	875.575E	875.746	876.239	876.050E	874.447	874.280	874.080E	873.795E	873.730	---	---	10
11	---	875.577A	875.756	876.244	875.950E	874.436	874.260	874.076A	873.790E	873.715	---	---	11
12	---	875.570	875.768	876.234	875.850E	874.428	874.261	874.060A	873.790E	873.728	---	---	12
13	---	875.571	875.775	876.222	875.750E	874.425	874.248	874.055E	873.789A	873.722	---	---	13
14	---	875.566	875.785	876.213	875.650E	874.431	874.241	874.050E	873.776	873.718	---	---	14
15	---	875.565	875.780	876.210	875.540E	874.417	874.238	874.030E	873.765	873.730	---	---	15
16	---	875.563	875.785	876.213	875.440E	874.407	874.232	874.000E	873.784	873.722	---	---	16
17	---	875.560	875.795	876.204	875.340E	874.406	874.230	873.980E	873.795	873.722	---	---	17
18	---	875.559	875.803	876.198	875.240E	874.403	874.232	873.960E	873.787	873.716	---	---	18
19	---	875.556	875.806	876.187	875.130E	874.390	874.229	873.950E	873.784	873.713	---	---	19
20	---	875.560	875.820	876.194	875.030E	874.362	874.219	873.940E	873.775	873.726	---	---	20
21	---	875.560	875.898	876.186	874.930E	874.383	874.214	873.920E	873.787	873.720E	---	---	21
22	---	875.558	875.982	876.187	874.830E	874.373	874.217	873.910E	873.773	873.715E	---	---	22
23	---	875.553	876.054	876.168	874.730E	874.365	874.195	873.900E	873.782	873.710E	---	---	23
24	---	875.553	876.087	876.178	874.630E	874.357	874.181	873.890E	873.770	873.710E	---	---	24
25	---	875.560	876.104	876.175	874.570E	874.333	874.170	873.870A	873.753	873.712E	---	---	25
26	---	875.563	876.117	876.187	874.540A	874.331	874.158	873.870E	873.770	873.713A	---	---	26
27	---	875.569	876.133	876.183	874.530E	874.332	874.156	873.860E	873.735	873.713E	---	---	27
28	---	875.576	876.132	876.161	874.510E	874.328	874.156	873.850E	873.775	873.712E	---	---	28
29	---	875.593	876.131	876.158	874.505E	874.331	874.157	873.850E	873.766	873.712E	---	---	29
30	---		876.141	876.154	874.500E	874.319	874.146	873.840E	873.773	873.710E	---	---	30
31	---		876.149		874.494A		874.143	873.840E		873.710E		---	31
MEAN	---	875.566	875.881	876.198	875.380	874.408	874.236	873.984	873.785	873.720	---	---	MEAN
MAX	---	875.593	876.149	876.244	876.146	874.480	874.317	874.138	873.830	873.757	---	---	MAX
MIN	---	875.553	875.622	876.154	874.494	874.319	874.143	873.840	873.735	873.688	---	---	MIN

SUMMARY FOR THE YEAR 1988

WATER LEVELS IN METRES

MAXIMUM DAILY, 876.244 ON APR 11

MAXIMUM INSTANTANEOUS,
876.246 AT 14:22 CST ON APR 11

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 47 01 N
LONG 109 40 46 W

A - MANUAL GAUGE

E - ESTIMATED

REGULATED

DRAINAGE AREA,
25.1 km²

WATER LEVELS ARE REFERRED TO PRAIRIE FARM REHABILITATION ADMINISTRATION DATUM

REMARKS - WATER LEVELS AFTER MAY WERE RECORDED IN THE ORIGINAL CHANNEL WHICH WAS CONNECTED TO THE MAIN RESERVOIR

DRAGLINE CHANNEL NEAR SQUAW RAPIDS - STATION NO. 05KH011

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.724B	1.19 B	0.034B	2.88 B	0.468B	0.369	0.355	0.534	8.20	1.04	0.344B	0.276B	1
2	0.555B	1.13 B	1.01 B	2.19 B	0.633B	0.809	0.508	0.482	8.04	0.281	0.579B	0.150B	2
3	0.722B	1.18 B	0.595B	2.09 B	0.884B	0.424	1.39	0.843	9.55	0.308	0.599B	0.068B	3
4	1.19 B	1.10 B	0.150B	1.85 B	0.859B	2.11	0.909	0.808	4.72	0.300	0.452B	0.043B	4
5	1.27 B	1.04 B	0.068B	1.16 B	0.850B	1.39	5.38	0.702	0.780	0.989	0.385B	0.035B	5
6	1.18 B	0.763B	1.04 B	0.763B	1.02 B	2.46	7.54	5.34	0.807	2.02	0.278B	0.020B	6
7	1.14 B	0.547B	0.802B	0.516B	1.09 B	6.57	3.48	2.41	5.84	2.05	0.534B	0.022B	7
8	1.03 B	0.242B	0.359B	0.445B	1.06	4.46	4.38	0.718	1.15	4.00	0.550B	0.243B	8
9	1.03 B	0.115B	0.148B	1.50 B	1.01	0.918	3.35	0.551	0.458	0.532	0.601B	0.592B	9
10	0.852B	0.883B	0.136B	2.17 B	0.990	0.843	3.07	5.84	0.281	0.357	0.579B	0.680B	10
11	1.04 B	1.15 B	0.128B	1.57 B	0.959	1.15	0.883	9.00	0.311	0.217	0.595B	0.600B	11
12	1.39 B	0.637B	0.154B	1.35 B	0.886	0.365	5.21	2.83	0.881	3.80	0.533B	0.524B	12
13	1.38 B	0.317B	0.138B	1.73 B	0.905	0.243	2.49	0.900	0.343	3.11	0.430B	0.489B	13
14	1.21 B	0.759B	0.080B	2.02 B	0.813	0.218	2.30	0.445	0.365	2.28	0.426B	0.585B	14
15	1.13 B	0.695B	0.044B	2.02 B	0.741	0.219	9.82	0.647	0.244	3.78	0.428B	0.734B	15
16	0.875B	1.11 B	0.052B	1.13 B	0.731	0.209	11.0	1.82	0.417	0.586	0.667B	0.580B	16
17	1.06 B	0.831B	0.064B	0.846B	0.741	0.885	8.88	0.401	2.38	0.298	0.571B	0.631B	17
18	0.540B	0.448B	0.072B	0.780B	0.811	0.440	5.02	0.384	0.572	5.24	0.186B	0.148B	18
19	1.27 B	0.430B	0.049B	0.700B	0.738	0.280	4.80	0.342	0.321	2.80	0.190B	0.489B	19
20	1.45 B	0.880B	0.054B	1.18 B	0.701	0.382	10.9	0.210	2.89	3.92	0.161B	0.568B	20
21	1.25 B	0.851B	0.070B	1.22 B	0.840	0.343	10.4	0.275	9.07	4.23	0.127B	0.604B	21
22	0.983B	0.386B	0.148B	1.26 B	0.883	0.512	10.9	0.277	3.25	0.985	0.290B	0.663B	22
23	1.26 B	0.654B	0.246B	1.08 B	0.810	0.387	12.0	3.15	4.70	0.284	0.216B	0.547B	23
24	0.724B	0.888B	0.226B	1.01 B	0.441	1.10	5.21	9.38	3.39	0.574	0.187B	0.474B	24
25	0.637B	1.20 B	0.185B	0.803B	0.438	0.828	1.85	7.34	1.17	3.48	0.289B	0.558B	25
26	0.958B	0.717B	0.259B	1.03 B	0.499	0.387	5.31	1.71	0.807	0.368B	0.244B	0.640B	26
27	0.840B	0.412B	0.808B	0.822B	0.494	2.17	1.34	0.826	0.548	1.25 B	0.079B	0.524B	27
28	1.17 B	0.089B	1.19 B	0.713B	0.499	3.21	1.50	1.30	4.05	4.65 B	0.017B	0.623B	28
29	0.529B	0.047B	2.39 B	0.508B	0.444	0.718	3.25	1.27	1.10	1.93 B	0.047B	0.585B	29
30	0.481B		1.75 B	0.454B	0.425	0.634	7.05	5.80	6.13	1.01 B	0.154B	0.595B	30
31	0.828B		1.22 B		0.427		1.07	8.82		0.660B		0.665B	31
TOTAL	30.879	20.410	13.929	37.489	22.988	34.822	151.183	72.846	78.832	57.247	11.174	14.296	TOTAL
MEAN	0.996	0.704	0.450	1.25	0.742	1.16	4.88	2.35	2.63	1.85	0.372	0.461	MEAN
MAX	1.45	1.20	2.39	2.88	1.09	6.57	12.0	9.38	9.55	5.24	0.669	0.734	MAX
MIN	0.481	0.047	0.034	0.445	0.425	0.209	0.355	0.210	0.244	0.217	0.017	0.020	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.49
MAXIMUM DAILY, 12.0 ON JUL 23
MINIMUM DAILY, 0.017B ON NOV 28
MAXIMUM INSTANTANEOUS,
17.8 AT 02:45 CST ON JUL 21

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 53 50 00 N
LONG 102 56 25 W

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	2 670	JUL	13 100
FEB	1 760	AUG	6 290
MAR	1 180	SEP	6 820
APR	3 240	OCT	4 950
MAY	1 980	NOV	965
JUN	2 990	DEC	1 240

TOTAL DISCHARGE, 47 300 dam³

REMARKS - DATA QUALITY ONLY FAIR DUE TO CHANGING CHANNEL CONDITIONS

DUCK CREEK NEAR KELVINGTON - STATION NO. 05LA003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0B	0 B	0.221	0	0	0	0	0	0	---	1
2	---	---	0B	0 B	0.184	0	0	0	0	0	0	---	2
3	---	---	0B	0.138B	0.144	0	0	0	0	0	---	---	3
4	---	---	0B	0.220B	0.112	0	0	0	0	0	---	---	4
5	---	---	0B	2.72 B	0.084	0	0	0	0	0	---	---	5
6	---	---	0B	11.1 B	0.064	0	0	0	0	0	---	---	6
7	---	---	0B	11.3	0.055	0	0	0	0	0	---	---	7
8	---	---	0B	10.4	0.044	0	0	0	0	0	---	---	8
9	---	---	0B	8.13	0.032	0	0	0	0	0	---	---	9
10	---	---	0B	3.94	0.023	0	0	0	0	0	---	---	10
11	---	---	0B	3.26	0.018	0	0	0	0	0	---	---	11
12	---	---	0B	3.11	0.013	0	0	0	0	0	---	---	12
13	---	---	0B	2.58	0.008	0	0	0	0	0	---	---	13
14	---	---	0B	2.09	0.008	0	0	0	0	0	---	---	14
15	---	---	0B	1.82	0.012	0	0	0	0	0	---	---	15
16	---	---	0B	1.29	0.011	0	0	0	0	0	---	---	16
17	---	---	0B	1.22	0.009	0	0	0	0	0	---	---	17
18	---	---	0B	1.09	0.008	0	0	0	0	0	---	---	18
19	---	---	0B	0.904	0.007	0	0	0	0	0	---	---	19
20	---	---	0B	0.731	0.008	0	0	0	0	0	---	---	20
21	---	---	0B	0.581	0.005	0	0	0	0	0	---	---	21
22	---	---	0B	0.480	0.003	0	0	0	0	0	---	---	22
23	---	---	0B	0.373	0.002	0	0	0	0	0	---	---	23
24	---	---	0B	0.311	0.002	0	0	0	0	0	---	---	24
25	---	---	0B	0.274	0.002	0	0	0	0	0	---	---	25
26	---	---	0B	0.258	0.002	0	0	0	0	0	---	---	26
27	---	---	0B	0.248	0.002	0	0	0	0	0	---	---	27
28	---	---	0B	0.311	0.001	0	0	0	0	0	---	---	28
29	---	0B	0B	0.327	0.001	0	0	0	0	0	---	---	29
30	---		0B	0.277	0.001	0	0	0	0	0	---	---	30
31	---		0B		0		0	0		0		---	31
TOTAL	---	---	0	67.384	1.085	0	0	0	0	0	---	---	TOTAL
MEAN	---	---	0	2.25	0.035	0	0	0	0	0	---	---	MEAN
MAX	---	---	0	11.3	0.231	0	0	0	0	0	---	---	MAX
MIN	---	---	0	0	0	0	0	0	0	0	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.279
MAXIMUM DAILY, 11.3 ON APR 7
MINIMUM DAILY, 0B ON MAR 1
MAXIMUM INSTANTANEOUS,
13.6 AT 20:24 CST ON APR 6

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 52 08 40 N
LONG 103 37 34 W
DRAINAGE AREA, 210 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	0
FEB	---	AUG	0
MAR	0	SEP	0
APR	5 820	OCT	0
MAY	94.8	NOV	---
JUN	0	DEC	---

TOTAL DISCHARGE, 5 910 dam³

EAGLE CREEK NEAR ANGLIA - STATION NO. 05EC002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.012B	0.298B	0.014	0.004	0	0	0	0.001	---	---	1
2	---	---	0.020B	0.270B	0.013	0.004	0	0	0	0.001	---	---	2
3	---	---	0.012B	0.240B	0.013	0.004	0	0	0	0.001	---	---	3
4	---	---	0.011B	0.225B	0.013	0.004	0	0	0	0.001	---	---	4
5	---	---	0.009B	0.155B	0.012	0.004	0	0	0	0.001	---	---	5
6	---	---	0.009B	0.114	0.012	0.004	0	0	0	0.001	---	---	6
7	---	---	0.007B	0.133	0.012	0.003	0	0	0	0.001	---	---	7
8	---	---	0.007B	0.128	0.011	0.003	0	0	0	0.001	---	---	8
9	---	---	0.006B	0.058	0.011	0.003	0	0	0	0.001	---	---	9
10	---	---	0.005B	0.026	0.010	0.003	0	0	0	0.001	---	---	10
11	---	---	0.005B	0.022	0.010	0.003	0	0	0	0.001	---	---	11
12	---	---	0.005B	0.019	0.010	0.002	0	0	0	0.001	---	---	12
13	---	---	0.005B	0.016	0.009	0.002	0	0	0	0.001	---	---	13
14	---	---	0.005B	0.015	0.008	0.002	0	0	0	0.002	---	---	14
15	---	---	0.007B	0.015	0.008	0.002	0	0	0	0.002	---	---	15
16	---	---	0.008B	0.015	0.008	0.002	0	0	0	0.002	---	---	16
17	---	---	0.010B	0.016	0.008	0.001	0	0	0	0.002	---	---	17
18	---	---	0.012B	0.015	0.008	0.001	0	0	0	0.002	---	---	18
19	---	---	0.014B	0.015	0.007	0.001	0	0	0	0.002	---	---	19
20	---	---	0.018B	0.014	0.007	0.001	0	0	0	0.002	---	---	20
21	---	---	0.031B	0.016	0.007	0.001	0	0	0	0.002	---	---	21
22	---	---	0.085B	0.015	0.006	0.001	0	0	0	0.002	---	---	22
23	---	---	0.088B	0.015	0.006	0	0	0	0	0.002	---	---	23
24	---	---	0.411B	0.012	0.006	0	0	0	0	0.002	---	---	24
25	---	---	0.486B	0.014	0.006	0	0	0	0	0.002	---	---	25
26	---	---	0.581B	0.015	0.005	0	0	0	0	0.002	---	---	26
27	---	---	0.904B	0.015	0.005	0	0	0	0	0.002	---	---	27
28	---	---	0.477B	0.015	0.005	0	0	0	0	0.002	---	---	28
29	---	---	0.268B	0.015	0.005	0	0	0	0	0.002	---	---	29
30	---		0.125B	0.014	0.004	0	0	0	0	0.002	---	---	30
31	---		0.303B		0.004		0	0		0.002		---	31
TOTAL	---	---	3.876	1.976	0.265	0.055	0	0	0	0.048	---	---	TOTAL
MEAN	---	---	0.125	0.066	0.009	0.002	0	0	0	0.002	---	---	MEAN
MAX	---	---	0.904	0.298	0.014	0.004	0	0	0	0.002	---	---	MAX
MIN	---	---	0.005	0.012	0.004	0	0	0	0	0.001	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.026
MAXIMUM DAILY, 0.904B ON MAR 27
MINIMUM DAILY, 0 ON JUN 23
MAXIMUM INSTANTANEOUS,
1.20B AT 20:26 CST ON MAR 28

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 51 33 43 N
LONG 106 10 55 W
DRAINAGE AREA, 5 730 km²

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	0
FEB	---	AUG	0
MAR	344	SEP	0
APR	171	OCT	4.23
MAY	22.9	NOV	---
JUN	4.75	DEC	---

TOTAL DISCHARGE, 547 dam³

EAGLE CREEK NEAR ENVIRON - STATION NO. 05EC005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.044B	0.124B	0.049	0.008	0.001	0.001	0.001	0.001	---	---	1
2	---	---	0.044B	0.220B	0.053	0.008	0.001	0.002	0.001	0.001	---	---	2
3	---	---	0.035B	0.274B	0.049	0.005	0.001	0.003	0.001	0.001	---	---	3
4	---	---	0.031B	0.221B	0.043	0.005	0.001	0.003	0.001	0.001	---	---	4
5	---	---	0.026B	0.146B	0.042	0.005	0.001	0.004	0.001	0.001	---	---	5
6	---	---	0.025B	0.101B	0.041	0.005	0.001	0.006	0.001	0.001	---	---	6
7	---	---	0.026B	0.084B	0.040	0.003	0.001	0.006	0.001	0.001	---	---	7
8	---	---	0.049B	0.050B	0.050	0.004	0.001	0.005	0.001	0.001	---	---	8
9	---	---	0.048B	0.058B	0.040	0.005	0.001	0.005	0.001	0.001	---	---	9
10	---	---	0.053B	0.061B	0.036	0.003	0.001	0.005	0.001	0.002	---	---	10
11	---	---	0.049B	0.044B	0.034	0.002	0.001	0.004	0.001	0.001	---	---	11
12	---	---	0.035B	0.220B	0.033	0.001	0.001	0.003	0.001	0.003	---	---	12
13	---	---	0.029B	0.217B	0.031	0.001	0.001	0.002	0.001	0.005	---	---	13
14	---	---	0.030B	0.178B	0.034	0.001	0.001	0.001	0.001	0.004	---	---	14
15	---	---	0.025B	0.217B	0.031	0.002	0.001	0.001	0.001	0.004	---	---	15
16	---	---	0.027B	0.270B	0.037	0.002	0.001	0.002	0.001	0.005	---	---	16
17	---	---	0.029B	0.265	0.034	0.001	0.001	0.002	0.001	0.006	---	---	17
18	---	---	0.020B	0.243	0.027	0.001	0.001	0.008	0.001	0.005	---	---	18
19	---	---	0.018B	0.215	0.024	0.001	0.001	0.014	0.001	0.006	---	---	19
20	---	---	0.024B	0.194	0.023	0.001	0.001	0.019	0.001	0.006	---	---	20
21	---	---	0.041B	0.157	0.022	0.001	0.001	0.028	0.001	0.010	---	---	21
22	---	---	0.075B	0.114	0.020	0.001	0.001	0.015	0.001	0.006	---	---	22
23	---	---	0.113B	0.088	0.020	0.001	0.001	0.008	0.001	0.005	---	---	23
24	---	---	0.122B	0.092	0.018	0.001	0.001	0.004	0.001	0.005	---	---	24
25	---	---	0.073B	0.088	0.015	0.001	0.001	0.001	0.001	0.005A	---	---	25
26	---	---	0.059B	0.087	0.012	0.001	0.001	0.001	0.001	0.005E	---	---	26
27	---	---	0.054B	0.085	0.011	0.001	0.001	0.001	0.001	0.005E	---	---	27
28	---	---	0.066B	0.066	0.012	0.001	0.001	0.001	0.004	0.005E	---	---	28
29	---	---	0.075B	0.056	0.011	0.001	0.001	0.001	0.004	0.005E	---	---	29
30	---		0.073B	0.052	0.014	0.001	0.001	0.001	0.003	0.005E	---	---	30
31	---		0.052B		0.012		0.001	0.001		0.005E		---	31
TOTAL	---	---	1.511	4.308	0.916	0.078	0.031	0.158	0.038	0.118	---	---	TOTAL
MEAN	---	---	0.049	0.144	0.030	0.003	0.001	0.005	0.001	0.004	---	---	MEAN
MAX	---	---	0.122	0.274	0.053	0.008	0.001	0.028	0.004	0.010	---	---	MAX
MIN	---	---	0.018	0.044	0.011	0.001	0.001	0.001	0.001	0.001	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.029
MAXIMUM DAILY, 0.274B ON APR 3
MINIMUM DAILY, 0.001 ON JUN 12
MAXIMUM INSTANTANEOUS,
0.285B AT 17:36 CST ON APR 3

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 52 13 50 N
LONG 107 22 40 W
DRAINAGE AREA, 11 800 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	2.68
FEB	---	AUG	13.7
MAR	131	SEP	3.28
APR	372	OCT	10.0
MAY	79.3	NOV	---
JUN	6.83	DEC	---

TOTAL DISCHARGE, 619 dam³

EAST POPLAR RIVER ABOVE COOKSON RESERVOIR - STATION NO. 11AE014

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0B	0	0	0	0	0	0	0	---	---	1
2	---	---	0B	0	0	0	0	0	0	0	---	---	2
3	---	---	0B	0	0	0	0	0	0	0	---	---	3
4	---	---	0B	0	0	0	0	0	0	0	---	---	4
5	---	---	0B	0	0	0	0	0	0	0	---	---	5
6	---	---	0B	0	0	0	0	0	0	0	---	---	6
7	---	---	0B	0	0	0	0	0	0	0	---	---	7
8	---	---	0B	0	0	0	0	0	0	0	---	---	8
9	---	---	0B	0	0	0	0	0	0	0	---	---	9
10	---	---	0B	0	0	0	0	0	0	0	---	---	10
11	---	---	0B	0	0	0	0	0	0	0	---	---	11
12	---	---	0B	0	0	0	0	0	0	0	---	---	12
13	---	---	0B	0	0	0	0	0	0	0	---	---	13
14	---	---	0B	0	0	0	0	0	0	0	---	---	14
15	---	---	0B	0	0	0	0	0	0	0	---	---	15
16	---	---	0B	0	0	0	0	0	0	0	---	---	16
17	---	---	0B	0	0	0	0	0	0	0	---	---	17
18	---	---	0B	0	0	0	0	0	0	0	---	---	18
19	---	---	0B	0	0	0	0	0	0	0	---	---	19
20	---	---	0B	0	0	0	0	0	0	0	---	---	20
21	---	---	0B	0	0	0	0	0	0	0	---	---	21
22	---	---	0B	0	0	0	0	0	0	0	---	---	22
23	---	---	0B	0	0	0	0	0	0	0	---	---	23
24	---	---	0B	0	0	0	0	0	0	0	---	---	24
25	---	---	0B	0	0	0	0	0	0	0	---	---	25
26	---	---	0B	0	0	0	0	0	0	0	---	---	26
27	---	---	0B	0	0	0	0	0	0	0	---	---	27
28	---	---	0B	0	0	0	0	0	0	0	---	---	28
29	---	---	0B	0	0	0	0	0	0	0	---	---	29
30	---		0B	0	0	0	0	0	0	0	---	---	30
31	---		0B		0		0	0		0		---	31
TOTAL	---	---	0	0	0	0	0	0	0	0	---	---	TOTAL
MEAN	---	---	0	0	0	0	0	0	0	0	---	---	MEAN
MAX	---	---	0	0	0	0	0	0	0	0	---	---	MAX
MIN	---	---	0	0	0	0	0	0	0	0	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0
MAXIMUM DAILY, 0B ON MAR 1
MINIMUM DAILY, 0B ON MAR 1
MAXIMUM INSTANTANEOUS,
0 AT 00:00 CST ON MAR 1

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 13 51 N
LONG 105 32 36 W
DRAINAGE AREA, 143 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	0
FEB	---	AUG	0
MAR	0	SEP	0
APR	0	OCT	0
MAY	0	NOV	---
JUN	0	DEC	---

TOTAL DISCHARGE, 0 dam³

EAST POPLAR RIVER AT INTERNATIONAL BOUNDARY - STATION NO. 11AE003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.082	0.085B	0.106	0.082	0.180	0.133	0.079	0.048	0.074	0.065	0.074	0.068	1
2	0.085	0.057B	0.089	0.082	0.215	0.083	0.074	0.059	0.068	0.062	0.074	0.071	2
3	0.082	0.054B	0.102	0.082	0.204	0.079	0.071	0.059	0.059	0.062	0.071	0.071	3
4	0.057	0.054B	0.102	0.074	0.193	0.074	0.068	0.057	0.054	0.057E	0.071	0.071	4
5	0.054	0.054B	0.110	0.074	0.176	0.066	0.068	0.054	0.054	0.059E	0.071	0.071	5
6	0.051	0.057B	0.110	0.078	0.185	0.065	0.071	0.051	0.051	0.065E	0.068	0.071	6
7	0.051	0.059B	0.110	0.079	0.212	0.068	0.068	0.051	0.068	0.068	0.068	0.071	7
8	0.054	0.059B	0.108	0.085	0.193	0.059	0.065	0.051	0.062	0.068	0.065	0.068	8
9	0.057	0.054B	0.116	0.076	0.180	0.068	0.071	0.051	0.054	0.068	0.071	0.068	9
10	0.062	0.048B	0.119	0.074	0.167	0.065	0.065	0.054	0.057	0.062	0.071	0.068	10
11	0.065	0.054B	0.089	0.074	0.184	0.068	0.062	0.051	0.065	0.062	0.071	0.068	11
12	0.065B	0.062B	0.088	0.074	0.187	0.062	0.065	0.054	0.059	0.062	0.071	0.071	12
13	0.065	0.071B	0.086	0.074	0.176	0.065	0.065	0.054	0.065	0.065	0.071	0.071	13
14	0.068	0.079B	0.086	0.074	0.201	0.074	0.062	0.054	0.062	0.076	0.071	0.071	14
15	0.074	0.085	0.085	0.074	0.184	0.074	0.062	0.051	0.059	0.074	0.071	0.068	15
16	0.076	0.081	0.088	0.079	0.167	0.071	0.062	0.057	0.057	0.071	0.071	0.068	16
17	0.078	0.083	0.083	0.074	0.193	0.071	0.059	0.057	0.059	0.074	0.071	0.068	17
18	0.076	0.085	0.088	0.074	0.195	0.068	0.068	0.057E	0.062	0.071	0.068	0.068	18
19	0.074	0.086	0.089	0.074	0.193	0.065	0.068	0.059E	0.062	0.068	0.068	0.068	19
20	0.074	0.089	0.089	0.074	0.167	0.065	0.065	0.065E	0.068	0.068	0.071	0.068	20
21	0.076	0.102	0.108	0.074	0.167	0.065	0.062	0.068	0.068	0.062	0.071	0.068	21
22	0.076	0.086	0.108	0.076	0.161	0.059	0.059	0.068	0.074	0.065	0.071	0.068	22
23	0.082	0.085B	0.105	0.076	0.176	0.059	0.059	0.062	0.068	0.057	0.071	0.068	23
24	0.079	0.078B	0.110	0.074	0.161	0.065	0.054	0.068E	0.062E	0.065	0.071	0.065	24
25	0.076	0.078B	0.110	0.074	0.190	0.059	0.054	0.071E	0.057E	0.068	0.071	0.062	25
26	0.079	0.088B	0.091	0.076	0.167	0.054	0.057	0.068E	0.057E	0.071	0.071	0.062	26
27	0.079	0.089B	0.088	0.081	0.167	0.059	0.054	0.065E	0.057	0.068	0.068	0.062	27
28	0.082	0.106B	0.088	0.085	0.167	0.059	0.057	0.062E	0.062	0.062	0.065	0.059	28
29	0.085	0.105B	0.085	0.085	0.167	0.068	0.057	0.059E	0.071	0.065	0.068	0.059	29
30	0.082		0.085	0.088	0.181	0.068	0.054	0.068E	0.068	0.068	0.068	0.059	30
31	0.074B		0.082		0.210		0.054	0.079		0.071		0.062	31
TOTAL	2.158	2.225	3.116	2.331	5.882	2.087	1.959	1.832	1.863	2.052	2.103	2.061	TOTAL
MEAN	0.070	0.077	0.101	0.078	0.189	0.070	0.063	0.059	0.062	0.066	0.070	0.067	MEAN
MAX	0.085	0.106	0.119	0.081	0.215	0.133	0.079	0.079	0.074	0.076	0.074	0.071	MAX
MIN	0.051	0.048	0.082	0.074	0.167	0.054	0.054	0.048	0.051	0.057	0.065	0.059	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.081
MAXIMUM DAILY, 0.215 ON MAY 2
MINIMUM DAILY, 0.048B ON FEB 10
MAXIMUM INSTANTANEOUS,
0.241 AT 08:30 CST ON MAY 7

SUMMARY FOR THE YEAR 1988

INTERNATIONAL GAUGING STATION
TYPE OF GAUGE - RECORDING
LOCATION - LAT 48 59 56 N
LONG 105 24 32 W
DRAINAGE AREA, 1 400 km²

B - ICE CONDITIONS
E - ESTIMATED
REGULATED SINCE 1975

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	186	JUL	169
FEB	192	AUG	158
MAR	269	SEP	161
APR	201	OCT	177
MAY	508	NOV	182
JUN	180	DEC	180

TOTAL DISCHARGE, 2 560 dam³

EASTEND CANAL - STATION NO. 11AC052

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0	0	0	0	0	0	0	0	---	---	1
2	---	---	0	0	0	0	0	0	0	0	---	---	2
3	---	---	0	0	0	0	0	0	0	0	---	---	3
4	---	---	0	0	0	0	0	0	0	0	---	---	4
5	---	---	0	0	0	0	0	0	0	0	---	---	5
6	---	---	0	0	0.889	0	0	0	0	0	---	---	6
7	---	---	0	0	1.36	0	0	0	0	0	---	---	7
8	---	---	0	0	1.43	0	0	0	0	0	---	---	8
9	---	---	0	0	1.59	0	0	0	0	0	---	---	9
10	---	---	0	0	1.89	0	0	0	0	0	---	---	10
11	---	---	0	0	2.11	0	0	0	0	0	---	---	11
12	---	---	0	0	2.10	0	0	0	0	0	---	---	12
13	---	---	0	0	2.10	0	0	0	0	0	---	---	13
14	---	---	0	0	2.10	0	0	0	0	0	---	---	14
15	---	---	0	0	2.10	0	0	0	0	0	---	---	15
16	---	---	0	0	2.04	0	0	0	0	0	---	---	16
17	---	---	0	0	2.01	0	0	0	0	0	---	---	17
18	---	---	0	0	2.03	0	0	0	0	0	---	---	18
19	---	---	0	0	1.87	0	0	0	0	0	---	---	19
20	---	---	0	0	1.81	0	0	0	0	0	---	---	20
21	---	---	0	0	1.69	0	0	0	0	0	---	---	21
22	---	0	0	0	1.75	0	0	0	0	0	---	---	22
23	---	0	0	0	1.55	0	0	0	0	0	---	---	23
24	---	0	0	0	1.32	0	0	0	0	0	---	---	24
25	---	0	0	0	0.805	0	0	0	0	0	---	---	25
26	---	0	0	0	0.420	0	0	0	0	0	---	---	26
27	---	0	0	0	0.387	0	0	0	0	0	---	---	27
28	---	0	0	0	0.308	0	0	0	0	0	---	---	28
29	---	0	0	0	0.243	0	0	0	0	0	---	---	29
30	---		0	0	0.014	0	0	0	0	0	---	---	30
31	---		0		0		0	0		0		---	31
TOTAL	---	---	0	0	35.716	0	0	0	0	0	---	---	TOTAL
MEAN	---	---	0	0	1.16	0	0	0	0	0	---	---	MEAN
MAX	---	---	0	0	2.11	0	0	0	0	0	---	---	MAX
MIN	---	---	0	0	0	0	0	0	0	0	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.150
MAXIMUM DAILY, 2.11 ON MAY 11
MINIMUM DAILY, 0 ON MAR 1

SUMMARY FOR THE MONTHS MAR TO OCT

INTERNATIONAL GAUGING STATION
TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 30 21 N
LONG 108 51 00 W

REGULATED SINCE 1937

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	0
FEB	---	AUG	0
MAR	0	SEP	0
APR	0	OCT	0
MAY	3 170	NOV	---
JUN	0	DEC	---

TOTAL DISCHARGE, 3 170 dam³

EASTEND RESERVOIR - STATION NO. 11AC055

DAILY WATER LEVEL IN METRES FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	915.500A	915.873	918.368	915.711	916.184	916.190	915.688	916.185	---	---	1
2	---	---	915.499	916.120	918.373	915.776	916.192	916.172	915.666	916.199	---	---	2
3	---	---	915.503	916.580	918.390	915.822	916.207	916.152	915.636	916.180	---	---	3
4	---	---	915.500	916.884	918.396	915.857	916.247	916.135	915.605	916.169	---	---	4
5	---	---	915.497	917.116	918.413	915.877	916.286	916.115	915.588	916.171	---	---	5
6	---	---	915.500	917.175	918.420	915.882	916.331	916.101	915.534	916.173	---	---	6
7	---	---	915.505	917.213	918.387	915.876	916.376	916.078	915.480	916.177	---	---	7
8	---	---	915.507	917.321	918.321	915.887	916.421	916.061	915.441	916.180	---	---	8
9	---	---	915.538	917.580	918.255	915.901	916.452	916.048	915.395	916.180	---	---	9
10	---	---	915.567	917.743	918.176	915.888	916.465	916.025	915.358	916.188	---	---	10
11	---	---	915.563	917.882	918.062	915.891	916.472	916.005	915.363	916.207	---	---	11
12	---	---	915.563	918.011	917.971	915.880	916.480	915.987	915.365	916.213	---	---	12
13	---	---	915.559	918.106	917.862	915.832	916.466	915.973	915.337	916.219	---	---	13
14	---	---	915.546	918.117	917.736	915.897	916.465	915.962	915.318	916.224	---	---	14
15	---	---	915.547	918.108	917.606	916.061	916.464	915.943	915.295	916.231	---	---	15
16	---	---	915.545	918.107	917.474	916.133	916.448	915.928	915.274	916.233	---	---	16
17	---	---	915.548	918.083	917.342	916.173	916.428	915.902	915.298	916.248	---	---	17
18	---	---	915.555	918.106	917.180	916.198	916.432	915.882	915.457	916.259	---	---	18
19	---	---	915.565	918.123	917.011	916.208	916.420	915.877	915.587	916.261	---	---	19
20	---	---	915.583	918.136	916.845A	916.204	916.418	915.858	915.708	916.218	---	---	20
21	---	---	915.613	918.153	916.672E	916.205	916.410	915.844	915.803	916.165	---	---	21
22	---	915.495E	915.658	918.173	916.477E	916.206	916.400	915.832	915.885	916.134	---	---	22
23	---	915.495E	915.826	918.195	916.240E	916.207	916.376	915.815	915.948	916.084	---	---	23
24	---	915.495E	915.966	918.211	915.913E	916.188	916.361	915.803	916.002	916.068	---	---	24
25	---	915.495E	915.994	918.237	915.646E	916.184	916.345	915.782	916.050	916.024	---	---	25
26	---	915.495E	916.016	918.257	915.481A	916.177	916.328	915.778	916.088	915.926	---	---	26
27	---	915.495E	915.968	918.273	915.416	916.169	916.306	915.761	916.120	915.800A	---	---	27
28	---	915.495E	915.817	918.294	915.405	916.160	916.283	915.748	916.156	915.700E	---	---	28
29	---	915.498E	915.825	918.317	915.398	916.161	916.263	915.733	916.182	915.638E	---	---	29
30	---		915.780	918.342	915.481	916.172	916.244	915.717	916.188	915.562E	---	---	30
31	---		915.772		915.824		916.218	915.700		915.540A		---	31
MEAN	---	---	915.643	917.761	917.172	916.034	916.350	915.933	915.640	916.081	---	---	MEAN
MAX	---	---	916.016	918.342	918.420	916.208	916.480	916.190	916.188	916.261	---	---	MAX
MIN	---	---	915.497	915.873	915.398	915.711	916.184	915.700	915.274	915.540	---	---	MIN

WATER LEVELS IN METRES

MAXIMUM DAILY, 918.420 ON MAY 6

MAXIMUM INSTANTANEOUS,
918.428 AT 05:55 CST ON MAY 6

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

SUMMARY FOR THE YEAR 1988

INTERNATIONAL GAUGING STATION
TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 30 26 N
LONG 108 51 08 W

A - MANUAL GAUGE

E - ESTIMATED

REGULATED SINCE 1937

DRAINAGE AREA,
1 800 km²

ECHO CREEK AT FORT QU'APPELLE - STATION NO. 05JK005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0	0	0	0	0	0	0	0	---	---	1
2	---	---	0	0	0	0	0	0	0	0	---	---	2
3	---	---	0	0	0	0	0	0	0	0	---	---	3
4	---	---	0	0	0	0	0	0	0	0	---	---	4
5	---	---	0	0	0	0	0	0	0	0	---	---	5
6	---	---	0	0	0	0	0	0	0	0	---	---	6
7	---	---	0	0	0	0	0	0	0	0	---	---	7
8	---	---	0	0	0	0	0	0	0	0	---	---	8
9	---	---	0	0	0	0	0	0	0	0	---	---	9
10	---	---	0	0	0	0	0	0	0	0	---	---	10
11	---	---	0	0	0	0	0	0	0	0	---	---	11
12	---	---	0	0	0	0	0	0	0	0	---	---	12
13	---	---	0	0	0	0	0	0	0	0	---	---	13
14	---	---	0	0	0	0	0	0	0	0	---	---	14
15	---	---	0	0	0	0	0	0	0	0	---	---	15
16	---	---	0	0	0	0	0	0	0	0	---	---	16
17	---	---	0	0	0	0	0	0	0	0	---	---	17
18	---	---	0	0	0	0	0	0	0	0	---	---	18
19	---	---	0	0	0	0	0	0	0	0	---	---	19
20	---	---	0	0	0	0	0	0	0	0	---	---	20
21	---	---	0	0	0	0	0	0	0	0	---	---	21
22	---	---	0	0	0	0	0	0	0	0	---	---	22
23	---	---	0	0	0	0	0	0	0	0	---	---	23
24	---	---	0	0	0	0	0	0	0	0	---	---	24
25	---	---	0	0	0	0	0	0	0	0	---	---	25
26	---	---	0	0	0	0	0	0	0	0	---	---	26
27	---	---	0	0	0	0	0	0	0	0	---	---	27
28	---	---	0	0	0	0	0	0	0	0	---	---	28
29	---	---	0	0	0	0	0	0	0	0	---	---	29
30	---		0	0	0	0	0	0	0	0	---	---	30
31	---		0		0		0	0		0		---	31
TOTAL	---	---	0	0	0	0	0	0	0	0	---	---	TOTAL
MEAN	---	---	0	0	0	0	0	0	0	0	---	---	MEAN
MAX	---	---	0	0	0	0	0	0	0	0	---	---	MAX
MIN	---	---	0	0	0	0	0	0	0	0	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0
MAXIMUM DAILY, 0 ON MAR 1
MINIMUM DAILY, 0 ON MAR 1
MAXIMUM INSTANTANEOUS,
0 AT 00:00 CST ON MAR 1

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 45 38 N
LONG 103 47 50 W

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	0
FEB	---	AUG	0
MAR	0	SEP	0
APR	0	OCT	0
MAY	0	NOV	---
JUN	0	DEC	---

TOTAL DISCHARGE, 0 dam³

ECHO LAKE AT FISH HATCHERY - STATION NO. 05JK006

DAILY WATER LEVEL IN METRES FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	478.513	478.529	478.585	478.695	478.765	478.920	478.970	478.905	478.881	478.808A	478.528	478.479	1
2	478.513	478.530	478.585	478.698	478.760	478.929	478.972	478.917	478.877	478.803	478.529	478.478	2
3	478.511A	478.531	478.586	478.702	478.779	478.928	478.974	478.927	478.873	478.792	478.524	478.478	3
4	478.513A	478.531	478.587	478.706	478.776	478.924	478.970	478.920	478.870	478.771	478.520	478.477	4
5	478.509	478.530	478.589	478.710	478.766	478.922	478.962	478.921	478.869	478.758	478.517	478.474	5
6	478.507	478.532	478.591	478.713	478.754	478.927	478.976	478.916	478.884	478.748	478.515	478.474	6
7	478.506	478.536	478.597	478.713	478.758	478.932	478.989	478.915	478.870	478.737	478.512	478.475	7
8	478.508	478.537	478.602	478.726	478.772	478.923	478.985	478.908	478.884	478.731	478.508	478.469	8
9	478.507	478.534	478.606	478.733	478.776	478.915	478.978	478.903	478.871	478.728	478.504	478.467	9
10	478.503	478.534	478.607	478.737	478.788	478.937	478.967	478.902	478.848	478.718	478.498	478.465	10
11	478.501	478.537	478.613	478.740	478.801	478.949	478.959	478.895	478.841	478.713	478.491	478.470	11
12	478.499	478.543	478.615	478.741	478.803	478.960	478.958	478.889	478.848	478.707	478.488	478.469	12
13	478.500	478.544	478.618	478.739	478.807	478.966	478.970	478.888	478.851	478.699	478.484	478.470	13
14	478.499	478.544	478.621	478.741	478.823	478.978	478.962	478.885	478.848	478.685	478.480	478.468	14
15	478.505	478.548	478.624	478.745	478.847	478.975	478.966	478.888	478.844	478.669	478.481	478.464	15
16	478.505	478.550	478.627	478.749	478.841	478.970	478.965	478.888	478.841	478.656	478.479	478.467	16
17	478.503	478.548	478.632	478.746	478.838	478.974	478.964	478.875	478.844	478.647	478.476	478.465	17
18	478.505	478.552	478.634	478.749	478.851	478.980A	478.961	478.874	478.828	478.634	478.474	478.468	18
19	478.504	478.550	478.635	478.750	478.862	478.987	478.955	478.876	478.826	478.628	478.474	478.466	19
20	478.504	478.551	478.638	478.746	478.870	478.984	478.948	478.884	478.821	478.615	478.476	478.465	20
21	478.509	478.558	478.644	478.752	478.875	478.984	478.944	478.917	478.827	478.605	478.475	478.465	21
22	478.511	478.557	478.648	478.751	478.879	478.978	478.941	478.931	478.832	478.601	478.473	478.464	22
23	478.520	478.556	478.654	478.753	478.873	478.965	478.945	478.920	478.827	478.588	478.475	478.467	23
24	478.516	478.562	478.661	478.759	478.873	478.977	478.938	478.912	478.817	478.580	478.478	478.466	24
25	478.517	478.564	478.662	478.762	478.887	478.977	478.928	478.906	478.808	478.570	478.478	478.464	25
26	478.523	478.572	478.664	478.766	478.894	478.966	478.924	478.899	478.786	478.560	478.478	478.468	26
27	478.527	478.574	478.667	478.763	478.899	478.955	478.921	478.893	478.785	478.555	478.474	478.467	27
28	478.526	478.578	478.674	478.761	478.908	478.956	478.916	478.885	478.785	478.545	478.477	478.464	28
29	478.529	478.581	478.682	478.760	478.908	478.944	478.919	478.882	478.802	478.538	478.477	478.470	29
30	478.526		478.686	478.763	478.903	478.965	478.916	478.878	478.806	478.536	478.476	478.469	30
31	478.526		478.687		478.911		478.914	478.879		478.531		478.471	31
MEAN	478.511	478.548	478.630	478.739	478.835	478.955	478.953	478.899	478.840	478.660	478.491	478.469	MEAN
MAX	478.529	478.581	478.687	478.766	478.911	478.987	478.989	478.931	478.884	478.808	478.528	478.479	MAX
MIN	478.499	478.529	478.585	478.695	478.754	478.915	478.914	478.874	478.785	478.531	478.473	478.464	MIN

WATER LEVELS IN METRES

MEAN, 478.711
MAXIMUM DAILY, 478.989 ON JUL 7
MINIMUM DAILY, 478.464 ON DEC 15
MAXIMUM INSTANTANEOUS,
478.997 AT 15:38 CST ON JUL 7

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 47 38 N
LONG 103 52 10 W

A - MANUAL GAUGE

REGULATED

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

SKAPO CREEK NEAR MARIEVAL - STATION NO. 05JM010

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.001B	0.030B	0.016	0.022	0.002	0	0	0	---	---	1
2	---	---	0.001B	0.060B	0.037	0.018	0.001	0	0	0	---	---	2
3	---	---	0.001B	0.085B	0.035	0.016	0.001	0	0	0	---	---	3
4	---	---	0.001B	0.110B	0.027	0.016	0	0	0	0	---	---	4
5	---	---	0.001B	0.131B	0.023	0.017	0.001	0	0	0	---	---	5
6	---	---	0.001B	0.118B	0.021	0.015	0.001	0	0	0	---	---	6
7	---	---	0.001B	0.123B	0.027	0.013	0	0	0	0	---	---	7
8	---	---	0.004B	0.154	0.027	0.008	0	0	0	0	---	---	8
9	---	---	0.002B	0.141	0.027	0.007	0	0	0	0	---	---	9
10	---	---	0.002B	0.132	0.026	0.006	0	0	0	0	---	---	10
11	---	---	0.002B	0.126	0.022	0.006	0	0	0	0	---	---	11
12	---	---	0.002B	0.109	0.021	0.004	0	0	0	0	---	---	12
13	---	---	0.002B	0.082	0.019	0.005	0.003	0	0	0	---	---	13
14	---	---	0.002B	0.064	0.029	0.007	0.004	0	0	0	---	---	14
15	---	---	0.002B	0.050	0.042	0.007	0.005	0	0	0	---	---	15
16	---	---	0.002B	0.050	0.034	0.004	0.004	0	0	0	---	---	16
17	---	---	0.002B	0.038	0.029	0.004	0.002	0	0	0	---	---	17
18	---	---	0.002B	0.027	0.024	0.004	0.001	0	0	0	---	---	18
19	---	---	0.002B	0.023	0.020	0.003	0	0	0	0	---	---	19
20	---	---	0.002B	0.022A	0.018	0.003	0	0	0	0	---	---	20
21	---	---	0.002B	0.018E	0.015	0.002	0	0	0	0	---	---	21
22	---	---	0.002B	0.016E	0.018	0.001	0	0	0	0	---	---	22
23	---	---	0.005B	0.013E	0.015	0.001	0	0	0	0	---	---	23
24	---	---	0.007B	0.010E	0.015	0.001	0	0	0	0	---	---	24
25	---	---	0.002B	0.008A	0.014	0.001	0	0	0	0	---	---	25
26	---	---	0.002B	0.008	0.014	0.001	0	0	0	0	---	---	26
27	---	---	0.002B	0.008	0.016	0.001	0	0	0	0	---	---	27
28	---	---	0.002B	0.008	0.019	0.001	0	0	0	0	---	---	28
29	---	---	0.002B	0.010	0.021	0.001	0	0	0	0	---	---	29
30	---		0.002B	0.011	0.025	0.002	0	0	0	0	---	---	30
31	---		0.005B		0.023		0	0		0		---	31
TOTAL	---	---	0.068	1.785	0.724	0.198	0.025	0	0	0	---	---	TOTAL
MEAN	---	---	0.002	0.060	0.023	0.007	0.001	0	0	0	---	---	MEAN
MAX	---	---	0.007	0.154	0.042	0.022	0.005	0	0	0	---	---	MAX
MIN	---	---	0.001	0.008	0.014	0.001	0	0	0	0	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.011
MAXIMUM DAILY, 0.154 ON APR 8
MINIMUM DAILY, 0 ON JUL 4
MAXIMUM INSTANTANEOUS,
0.157 AT 14:01 CST ON APR 8

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 31 47 N
LONG 102 42 37 W
DRAINAGE AREA, 1 100 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	2.16
FEB	---	AUG	0
MAR	5.88	SEP	0
APR	154	OCT	0
MAY	62.6	NOV	---
JUN	17.1	DEC	---

TOTAL DISCHARGE, 242 dam³

ELBOW DIVERSION CANAL AT DROP STRUCTURE - STATION NO. 05JG006

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.40B	1.67B	1.50	1.70	7.05	12.8	6.62	6.89	7.01	4.01	1.46	1.60B	1
2	1.40B	1.66B	1.50	1.70	9.29	12.8	6.61	6.95	5.44	4.00	1.46	1.60B	2
3	1.40B	1.65B	1.50	1.73	11.2	11.2	6.63	6.89	4.09	4.00	1.20	1.60B	3
4	1.40B	1.64B	1.51	1.73	11.2	9.50	6.65	6.90	4.11	4.00	1.62	1.59B	4
5	1.40B	1.63B	1.51	1.75	11.2	9.59	6.70	6.91	4.12	4.01	1.60	1.59B	5
6	1.40B	1.62B	1.52	1.75	11.3	8.05	6.69	6.92	4.09	3.99	1.61B	1.59B	6
7	1.40B	1.61B	1.52	1.75	11.3	6.75	6.67	6.99	4.13	3.98	1.61B	1.58B	7
8	1.40B	1.60B	1.50	1.76	11.3	6.76	6.68	6.97	4.13	3.98	1.61B	1.58B	8
9	1.40B	1.59B	1.52	1.77	11.4	6.75	6.66	7.00	4.14	3.99	1.62B	1.58B	9
10	1.40B	1.58B	1.54	1.78	11.4	5.71	6.63	7.00	4.14	4.00	1.60B	1.58B	10
11	1.40B	1.58B	1.55	3.03	11.3	4.65	6.61	7.01	4.15	4.01	1.61B	1.57B	11
12	1.40B	1.58B	1.52	4.09	11.3	4.66	6.62	7.02	4.13	4.04	1.59B	1.57B	12
13	1.40B	1.58B	1.52	4.06	11.2	4.67	6.61	7.02	4.11	4.05	1.60B	1.57B	13
14	1.40B	1.58B	1.54	4.07	11.2	4.70	6.66	7.02	4.09	2.70	1.59B	1.57B	14
15	1.40B	1.58B	1.54	4.09	11.2	4.71	6.64	7.00	4.12	1.47	1.59B	1.57B	15
16	1.40B	1.58B	1.56	4.08	11.1	4.75	6.65	7.08	4.13	1.48	1.59B	1.65B	16
17	1.40B	1.57B	1.56	4.12	11.1	4.76	6.68	7.02	4.10	1.49	1.60B	1.80B	17
18	1.40B	1.56B	1.55	4.12	11.1	4.78	6.67	6.98	4.12	1.51	1.58B	1.80B	18
19	1.55B	1.56B	1.55	4.12	11.1	4.82	6.67	7.02	4.11	1.51	1.59B	1.80B	19
20	1.72B	1.56B	1.56	4.15	11.8	4.84	6.68	6.99	4.13	1.49	1.60B	1.80B	20
21	1.72B	1.56B	1.56	4.15	13.0	4.80	6.69	7.00	4.15	1.50	1.58B	1.80B	21
22	1.72B	1.56B	1.59	4.16	13.0	5.19	6.74	6.99	4.09	1.45	1.57B	1.80B	22
23	1.72B	1.56B	1.62	4.18	12.9	5.55	6.79	6.98	4.14	1.48	1.57B	1.80B	23
24	1.72B	1.55B	1.64	4.21	12.9	6.21	6.82	6.97	4.12	1.50	1.58B	1.80B	24
25	1.72B	1.55B	1.64	4.25	12.9	6.76	6.79	6.98	4.08	1.50	1.57B	1.80B	25
26	1.72B	1.55B	1.63	4.24	12.9	6.66	6.84	7.01	4.06	1.49	1.54B	1.79B	26
27	1.72B	1.55B	1.64	5.89	12.9	6.70	6.82	6.99	4.02	1.48	1.57B	1.79B	27
28	1.71B	1.55B	1.68	6.03	12.9	6.66	6.83	7.00	4.04	1.48	1.57B	1.79B	28
29	1.70B	1.53	1.66	6.08	12.8	6.64	6.85	7.00	4.02	1.48	1.60B	1.79B	29
30	1.69B		1.67	6.08	12.9	6.64	6.87	6.99	4.03	1.48	1.60B	1.79B	30
31	1.68B		1.69		12.9		6.88	6.95		1.45		1.79B	31
TOTAL	47.29	45.94	48.62	109.13	361.01	199.19	207.95	216.44	127.34	80.04	47.08	52.30	TOTAL
MEAN	1.53	1.58	1.57	3.64	11.6	6.64	6.71	6.98	4.24	2.58	1.57	1.69	MEAN
MAX	1.72	1.67	1.69	6.08	13.0	12.8	6.88	7.08	7.01	4.05	1.62	1.80	MAX
MIN	1.40	1.53	1.50	1.70	7.05	4.65	6.61	6.89	4.02	1.45	1.20	1.57	MIN

SUMMARY FOR THE YEAR 1988

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 4.21
MAXIMUM DAILY, 13.0 ON MAY 21
MINIMUM DAILY, 1.20 ON NOV 3
MAXIMUM INSTANTANEOUS,
13.6 AT 17:45 CST ON MAY 29

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 58 40 N
LONG 106 23 55 W

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	4 090	JUL	18 000
FEB	3 970	AUG	18 700
MAR	4 200	SEP	11 000
APR	9 430	OCT	6 920
MAY	31 200	NOV	4 070
JUN	17 200	DEC	4 520

TOTAL DISCHARGE, 133 000 dam³

EMMA LAKE NEAR TWEEDSMUIR - STATION NO. 05GG006

DAILY WATER LEVEL IN METRES FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	---	515.523	515.412	515.356	515.385E	515.333E	515.364E	---	1
2	---	---	---	---	---	515.521E	515.407E	515.380E	515.380	515.330E	515.370	---	2
3	---	---	---	---	---	515.519	515.402E	515.403	515.384E	515.327	---	---	3
4	---	---	---	---	---	515.514E	515.397	515.397E	515.378E	515.327E	---	---	4
5	---	---	---	---	---	515.508E	515.402E	515.391	515.375	515.328E	---	---	5
6	---	---	---	---	---	515.503	515.407	515.382E	515.373E	515.328E	---	---	6
7	---	---	---	---	---	515.502E	515.402E	515.392E	515.371	515.328	---	---	7
8	---	---	---	---	---	515.501	515.397	515.393	515.368E	515.325E	---	---	8
9	---	---	---	---	515.516	515.497E	515.395E	515.391E	515.369	515.326E	---	---	9
10	---	---	---	---	515.517E	515.493	515.393E	515.380	515.372E	515.325E	---	---	10
11	---	---	---	---	515.517	515.491E	515.391	515.389E	515.385E	515.325E	---	---	11
12	---	---	---	---	515.517E	515.489E	515.405E	515.388	515.398	515.325	---	---	12
13	---	---	---	---	515.531	515.487	515.419	515.386E	515.384E	515.329E	---	---	13
14	---	---	---	---	515.524E	515.483E	515.427E	515.385E	515.369E	515.333	---	---	14
15	---	---	---	---	515.531E	515.480	515.435	515.383	515.365E	515.336E	---	---	15
16	---	---	---	---	515.537	515.475E	515.433E	515.381	515.340	515.338E	---	---	16
17	---	---	---	---	515.537E	515.470	515.431E	515.379E	515.336E	515.342	---	---	17
18	---	---	---	---	515.535	515.464E	515.429	515.377	515.331E	515.366E	---	---	18
19	---	---	---	---	515.537E	515.456E	515.421E	515.380E	515.326	515.380	---	---	19
20	---	---	---	---	515.537	515.452	515.413E	515.382E	515.321E	515.387E	---	---	20
21	---	---	---	---	515.537E	515.452E	515.405E	515.385E	515.316	515.345	---	---	21
22	---	---	---	---	515.537E	515.452E	515.397	515.387	515.318E	515.344E	---	---	22
23	---	---	---	---	515.536	515.451E	515.389E	515.405E	515.316	515.344E	---	---	23
24	---	---	---	---	515.533E	515.451	515.382E	515.423	515.316E	515.344	---	---	24
25	---	---	---	---	515.529	515.451E	515.374	515.422	515.316E	515.343E	---	---	25
26	---	---	---	---	515.530E	515.450E	515.374E	515.412	515.316	515.342	---	---	26
27	---	---	---	---	515.530	515.450	515.374	515.408E	515.321E	515.341E	---	---	27
28	---	---	---	---	515.530E	515.441E	515.374E	515.398E	515.326	515.340	---	---	28
29	---	---	---	---	515.530E	515.432	515.373	515.393	515.330E	515.340E	---	---	29
30	---		---	---	515.530	515.422E	515.366E	515.387E	515.335	515.352E	---	---	30
31	---		---		515.527E		515.362E	515.382		515.356E		---	31
MEAN	---	---	---	---	---	515.476	515.400	515.391	515.350	515.339	---	---	MEAN
MAX	---	---	---	---	---	515.523	515.435	515.423	515.398	515.390	---	---	MAX
MIN	---	---	---	---	---	515.422	515.362	515.356	515.316	515.325	---	---	MIN

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - MANUAL
LOCATION - LAT 53 34 10 N
LONG 105 53 15 W
DATA CONTRIBUTED BY -
SASKATCHEWAN WATER CORPORATION

E - ESTIMATED

REGULATED

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

ENGLISHMAN RIVER NEAR SPRUCE LAKE - STATION NO. 05EF008

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.070B	0.108B	0.191	0.866	1.42	0.332	2.16	0.397	0.276A	---	1
2	---	---	0.070B	0.130B	0.181	0.851	1.36	0.336	1.80	0.376	---	---	2
3	---	---	0.070B	0.160B	0.177	0.511	1.31	0.346	1.51	0.397	---	---	3
4	---	---	0.070B	0.350B	0.176	0.461	1.19	0.335	1.30	0.365	---	---	4
5	---	---	0.070B	0.552B	0.165	0.413	1.57	0.326	1.14	0.336	---	---	5
6	---	---	0.070B	0.766B	0.152	0.385	4.86	0.358	0.974	0.336	---	---	6
7	---	---	0.070B	0.816B	0.152	0.370	10.6	0.503	0.866	0.333	---	---	7
8	---	---	0.070B	0.785B	0.156	0.362	18.3	0.707	0.816	0.329	---	---	8
9	---	---	0.070B	0.720B	0.166	0.348	16.4	0.744	0.797	0.328	---	---	9
10	---	---	0.070B	0.670B	0.196	0.379	13.2	0.772	0.720	0.327	---	---	10
11	---	---	0.070B	0.676B	0.201	0.381	11.7	0.734	0.641	0.335	---	---	11
12	---	---	0.070B	0.607B	0.199	0.366	9.54	0.686	0.557	0.353	---	---	12
13	---	---	0.070B	0.783B	0.220	0.368	7.21	0.605	0.497	0.346	---	---	13
14	---	---	0.070B	1.02 B	0.225	0.369	5.43	0.553	0.487	0.330	---	---	14
15	---	---	0.070B	1.31 B	0.226	0.380	4.10	0.495	0.473	0.319	---	---	15
16	---	---	0.070B	1.43 B	0.242	0.345	3.02	0.448	0.453	0.313	---	---	16
17	---	---	0.070B	1.32 B	0.233	0.325	2.33	0.415	0.447	0.301	---	---	17
18	---	---	0.070B	1.15	0.243	0.340	1.84	0.411	0.435	0.316	---	---	18
19	---	---	0.070B	0.949	0.244	0.366	1.68	0.522	0.419	0.305	---	---	19
20	---	---	0.070B	0.788	0.259	0.401	1.48	0.600	0.403	0.261	---	---	20
21	---	---	0.070B	0.594	0.248	0.400	1.30	0.769	0.449	0.283	---	---	21
22	---	---	0.072B	0.481	0.239	0.385	1.17	1.30	0.488	0.281	---	---	22
23	---	---	0.074B	0.440	0.229	0.386	1.07	2.34	0.491	0.273	---	---	23
24	---	---	0.076B	0.416	0.213	0.405	0.987	4.37	0.484	0.271	---	---	24
25	---	---	0.078B	0.409	0.215	0.434	0.887	5.71	0.434	0.269	---	---	25
26	---	---	0.080B	0.362	0.215	0.434	0.787	5.45	0.439	0.276	---	---	26
27	---	---	0.082B	0.339	0.202	0.423	0.730	4.80	0.447	0.282	---	---	27
28	---	---	0.083B	0.345	0.176	0.452	0.687	4.29	0.446	0.274	---	---	28
29	---	---	0.085B	0.270	0.169	0.805	0.585	4.17	0.436	0.264	---	---	29
30	---		0.087B	0.218	0.264	1.47	0.480	3.36	0.414	0.263	---	---	30
31	---		0.095B		0.934		0.369	2.55		0.272		---	31
TOTAL	---	---	2.282	19.010	7.228	14.181	126.612	49.456	21.411	9.674	---	---	TOTAL
MEAN	---	---	0.074	0.634	0.233	0.473	4.08	1.60	0.714	0.312	---	---	MEAN
MAX	---	---	0.095	1.43	0.934	1.47	18.3	5.71	2.16	0.397	---	---	MAX
MIN	---	---	0.070	0.108	0.152	0.325	0.369	0.326	0.403	0.261	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.02
MAXIMUM DAILY, 18.3 ON JUL 8
MINIMUM DAILY, 0.070B ON MAR 1
MAXIMUM INSTANTANEOUS,
18.6 AT 08:31 CST ON JUL 8

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 53 34 32 N
LONG 108 08 25 W
DRAINAGE AREA, 393 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	11 000
FEB	---	AUG	4 270
MAR	197	SEP	1 850
APR	1 640	OCT	835
MAY	624	NOV	---
JUN	1 230	DEC	---

TOTAL DISCHARGE, 21 600 dam³

ETOMAMI RIVER NEAR BERTWELL - STATION NO. 05LB002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.236B	0.376B	16.7	2.62	0.137	0.036	0.127	0.301	---	---	1
2	---	---	0.245B	0.530B	26.6	2.28	0.118	0.062	0.096	0.285	---	---	2
3	---	---	0.266B	0.577B	32.9	2.17	0.092	0.059	0.084	0.363	---	---	3
4	---	---	0.264B	0.801B	30.1	1.84	0.093	0.052	0.081	0.376	---	---	4
5	---	---	0.276B	1.38 B	25.6	1.76	0.092	0.034	0.056	0.366	---	---	5
6	---	---	0.261B	2.83 B	22.6	1.55	0.131	0.027	0.076	0.343	---	---	6
7	---	---	0.267B	3.81 B	20.9	1.38	0.111	0.039	0.081	0.312	---	---	7
8	---	---	0.263B	11.5 B	18.9	1.12	0.130	0.038	0.162	0.321	---	---	8
9	---	---	0.260B	10.5 B	17.0 A	1.05	0.122	0.040	0.136	0.288	---	---	9
10	---	---	0.301B	26.3 B	14.8	0.966	0.117	0.049	0.114	0.236	---	---	10
11	---	---	0.266B	39.7 B	13.1	0.864	0.099	0.048	0.072	0.209	---	---	11
12	---	---	0.271B	56.7 B	11.9	0.782	0.070	0.072	0.057	0.237	---	---	12
13	---	---	0.276B	79.2	10.3	0.889	0.096	0.051	0.060	0.282	---	---	13
14	---	---	0.297B	76.8	9.85	0.807	0.091	0.027	0.059	0.276	---	---	14
15	---	---	0.321B	53.2	8.02	0.487	0.114	0.038	0.042	0.332	---	---	15
16	---	---	0.327B	45.1	7.52A	0.416	0.177	0.036	0.017	0.349	---	---	16
17	---	---	0.331B	28.8	6.65A	0.362	0.183	0.035	0.032	0.316	---	---	17
18	---	---	0.336B	23.0	5.71	0.391	0.119	0.040	0.045	0.285	---	---	18
19	---	---	0.316B	18.5	5.19	0.343	0.129	0.052	0.040	0.128	---	---	19
20	---	---	0.316B	17.3	5.24	0.287	0.150	0.084	0.031	0.180	---	---	20
21	---	---	0.338B	13.6	4.80	0.262	0.100	0.169	0.034	0.174	---	---	21
22	---	---	0.323B	12.1	3.84	0.221	0.084	0.288	0.027	0.181	---	---	22
23	---	---	0.306B	10.6	3.50	0.209	0.086	0.481	0.020	0.187	---	---	23
24	---	---	0.314B	9.79	3.16	0.212	0.077	0.731	0.015	0.177	---	---	24
25	---	---	0.261B	8.28	3.11	0.200	0.062	0.457	0.016	0.180	---	---	25
26	---	---	0.262B	7.80	3.72	0.173	0.046	0.360	0.143	0.180	---	---	26
27	---	---	0.268B	7.30	4.00	0.173	0.033	0.288	0.334	0.227	---	---	27
28	---	---	0.316B	7.24	4.13	0.146	0.028	0.240	0.364	0.186	---	---	28
29	---	0.206B	0.256B	7.72	3.74	0.132	0.020	0.204	0.318	0.170B	---	---	29
30	---		0.266B	8.11	3.11	0.123	0.032	0.178	0.284	0.168B	---	---	30
31	---		0.267B		2.66		0.027	0.136		0.165B		---	31
TOTAL	---	---	8.865	602.844	350.26	23.605	2.968	4.478	3.018	7.804	---	---	TOTAL
MEAN	---	---	0.286	20.1	11.3	0.787	0.096	0.144	0.101	0.252	---	---	MEAN
MAX	---	---	0.338	79.2	32.9	2.62	0.183	0.731	0.364	0.376	---	---	MAX
MIN	---	---	0.236	0.376	2.66	0.123	0.020	0.027	0.015	0.128	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 4.10
MAXIMUM DAILY, 79.2 ON APR 13
MINIMUM DAILY, 0.015 ON SEP 24
MAXIMUM INSTANTANEOUS,
82.8 AT 20:38 CST ON APR 13

TYPE OF GAUGE - RECORDING
LOCATION - LAT 52 35 32 N
LONG 102 33 54 W
DRAINAGE AREA, 2 050 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	256
FEB	---	AUG	387
MAR	766	SEP	261
APR	52 100	OCT	674
MAY	30 300	NOV	---
JUN	2 040	DEC	---

TOTAL DISCHARGE, 86 800 dam³

EYEHILL CREEK NEAR MACKLIN - STATION NO. 05GA007

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0B	0	0	0	0	0	0	0	---	---	1
2	---	---	0B	0	0	0	0	0	0	0	---	---	2
3	---	---	0B	0	0	0	0	0	0	0	---	---	3
4	---	---	0B	0	0	0	0	0	0	0	---	---	4
5	---	---	0B	0	0	0	0	0	0	0	---	---	5
6	---	---	0B	0	0	0	0	0	0	0	---	---	6
7	---	---	0B	0	0	0	0	0	0	0	---	---	7
8	---	---	0B	0	0	0	0	0	0	0	---	---	8
9	---	---	0B	0	0	0	0	0	0	0	---	---	9
10	---	---	0B	0	0	0	0	0	0	0	---	---	10
11	---	---	0B	0	0	0	0	0	0	0	---	---	11
12	---	---	0B	0	0	0	0	0	0	0	---	---	12
13	---	---	0B	0	0	0	0	0	0	0	---	---	13
14	---	---	0B	0	0	0	0	0	0	0	---	---	14
15	---	---	0B	0	0	0	0	0	0	0	---	---	15
16	---	---	0B	0	0	0	0	0	0	0	---	---	16
17	---	---	0B	0	0	0	0	0	0	0	---	---	17
18	---	---	0B	0	0	0	0	0	0	0	---	---	18
19	---	---	0B	0	0	0	0	0	0	0	---	---	19
20	---	---	0B	0	0	0	0	0	0	0	---	---	20
21	---	---	0	0	0	0	0	0	0	0	---	---	21
22	---	---	0	0	0	0	0	0	0	0	---	---	22
23	---	---	0	0	0	0	0	0	0	0	---	---	23
24	---	---	0	0	0	0	0	0	0	0	---	---	24
25	---	---	0	0	0	0	0	0	0	0	---	---	25
26	---	---	0	0	0	0	0	0	0	0	---	---	26
27	---	---	0	0	0	0	0	0	0	0	---	---	27
28	---	---	0	0	0	0	0	0	0	0	---	---	28
29	---	---	0	0	0	0	0	0	0	0	---	---	29
30	---		0	0	0	0	0	0	0	0	---	---	30
31	---		0		0		0	0		0		---	31
TOTAL	---	---	0	0	0	0	0	0	0	0	---	---	TOTAL
MEAN	---	---	0	0	0	0	0	0	0	0	---	---	MEAN
MAX	---	---	0	0	0	0	0	0	0	0	---	---	MAX
MIN	---	---	0	0	0	0	0	0	0	0	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0
MAXIMUM DAILY, 0B ON MAR 1
MINIMUM DAILY, 0B ON MAR 1
MAXIMUM INSTANTANEOUS,
0B AT 00:00 CST ON MAR 1

TYPE OF GAUGE - RECORDING
LOCATION - LAT 52 19 05 N
LONG 109 55 41 W
DRAINAGE AREA, 10 100 km²

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	0
FEB	---	AUG	0
MAR	0	SEP	0
APR	0	OCT	0
MAY	0	NOV	---
JUN	0	DEC	---

TOTAL DISCHARGE, 0 dam³

FAHLMAN CREEK NEAR DAVIN - STATION NO. 05JF005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0 B	0.002	0.002	0	0	0	0	0	---	---	1
2	---	---	0 B	0.002	0.001	0	0	0	0	0	---	---	2
3	---	---	0 B	0.002	0	0	0	0	0	0	---	---	3
4	---	---	0 B	0.002	0	0	0	0	0	0	---	---	4
5	---	---	0 B	0.001	0	0	0	0	0	0	---	---	5
6	---	---	0 B	0.001	0	0	0	0	0	0	---	---	6
7	---	---	0 B	0.001	0.001	0	0	0	0	0	---	---	7
8	---	---	0 B	0.002	0.001	0	0	0	0	0	---	---	8
9	---	---	0 B	0.001	0	0	0	0	0	0	---	---	9
10	---	---	0 B	0.001	0	0	0	0	0	0	---	---	10
11	---	---	0 B	0.001	0	0	0	0	0	0	---	---	11
12	---	---	0 B	0.001	0	0	0	0	0	0	---	---	12
13	---	---	0 B	0.001	0	0	0	0	0	0	---	---	13
14	---	---	0 B	0.001	0	0	0	0	0	0	---	---	14
15	---	---	0 B	0.001	0	0	0	0	0	0	---	---	15
16	---	---	0 B	0.001	0	0	0	0	0	0	---	---	16
17	---	---	0 B	0.001	0	0	0	0	0	0	---	---	17
18	---	---	0 B	0.001	0	0	0	0	0	0	---	---	18
19	---	---	0 B	0.001	0	0	0	0	0	0	---	---	19
20	---	---	0 B	0	0	0	0	0	0	0	---	---	20
21	---	---	0.001 B	0	0	0	0	0	0	0	---	---	21
22	---	---	0 B	0	0	0	0	0	0	0	---	---	22
23	---	---	0 B	0	0	0	0	0	0	0	---	---	23
24	---	0 B	0 B	0	0.001	0	0	0	0	0	---	---	24
25	---	0 B	0.001 B	0	0.001	0	0	0	0	0	---	---	25
26	---	0 B	0 B	0	0	0	0	0	0	0	---	---	26
27	---	0.001 B	0 B	0	0	0	0	0	0	0	---	---	27
28	---	0 B	0 B	0	0	0	0	0	0	0	---	---	28
29	---	0 B	0 B	0	0	0	0	0	0	0	---	---	29
30	---		0 B	0	0	0	0	0	0	0	---	---	30
31	---		0.002 B		0		0	0		0		---	31
TOTAL	---	---	0.004	0.024	0.007	0	0	0	0	0	---	---	TOTAL
MEAN	---	---	0	0.001	0	0	0	0	0	0	---	---	MEAN
MAX	---	---	0.002	0.002	0.002	0	0	0	0	0	---	---	MAX
MIN	---	---	0	0	0	0	0	0	0	0	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0
MAXIMUM DAILY, 0.002B ON MAR 31
MINIMUM DAILY, 0B ON MAR 1
MAXIMUM INSTANTANEOUS,
0.007 AT 19:51 CST ON APR 1

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 22 10 N
LONG 104 11 30 W
DRAINAGE AREA, 15.3 km²

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	0
FEB	---	AUG	0
MAR	0.35	SEP	0
APR	2.07	OCT	0
MAY	0.60	NOV	---
JUN	0	DEC	---

TOTAL DISCHARGE, 3.02 dam³

FIFE LAKE NEAR LISIEUX - STATION NO. 11AE016

DAILY WATER LEVEL IN METRES FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	---	---	---	---	---	---	---	---	1
2	---	---	---	---	800.367	---	---	---	---	---	799.756	---	2
3	---	---	---	800.417	800.367	---	800.155	---	---	---	---	---	3
4	---	---	---	---	---	---	---	799.880	---	---	---	---	4
5	---	---	---	---	---	---	---	---	---	---	---	---	5
6	---	---	---	800.403	---	---	---	---	---	---	---	---	6
7	---	---	---	---	---	---	---	799.868	---	---	---	---	7
8	---	---	800.417	---	800.377	---	---	---	---	---	---	---	8
9	---	---	---	---	---	---	---	---	---	---	---	---	9
10	---	---	---	800.417	---	---	800.125	---	---	---	---	---	10
11	---	---	---	---	---	---	---	---	---	---	---	---	11
12	---	---	---	---	---	---	---	---	---	---	---	---	12
13	---	---	---	---	---	---	---	---	---	---	---	---	13
14	---	---	---	---	---	---	---	---	---	---	---	---	14
15	---	---	---	---	800.367	---	---	---	---	---	---	---	15
16	---	---	---	---	---	800.215	---	---	---	---	---	---	16
17	---	---	---	800.407	---	---	800.118	---	---	---	---	---	17
18	---	---	---	---	---	---	---	---	---	---	---	---	18
19	---	---	---	---	---	---	---	---	---	---	---	---	19
20	---	---	---	---	---	---	---	---	---	---	---	---	20
21	---	---	---	---	---	---	---	---	---	---	---	---	21
22	---	---	---	---	800.347	---	---	---	---	---	---	---	22
23	---	---	---	---	---	---	---	---	---	---	---	---	23
24	---	800.413	---	800.397	---	---	---	---	---	---	---	---	24
25	---	---	---	---	---	---	---	---	---	---	---	---	25
26	---	---	---	---	---	---	---	---	---	---	---	---	26
27	---	---	---	---	---	---	---	---	799.770	---	---	---	27
28	---	---	---	---	---	800.148	---	---	---	---	---	---	28
29	---	800.415E	---	---	800.317	---	---	---	---	---	---	---	29
30	---		---	800.375E	---	800.145E	---	799.846	799.768E	---	---	---	30
31	---		800.410E		800.301		800.010E	799.846E		799.766E		---	31
MEAN	---	---	---	---	---	---	---	---	---	---	---	---	MEAN
MAX	---	---	---	---	---	---	---	---	---	---	---	---	MAX
MIN	---	---	---	---	---	---	---	---	---	---	---	---	MIN

WATER LEVELS IN METRES

MAXIMUM DAILY, 800.417 ON MAR 8
MINIMUM DAILY, [illegible].766E ON OCT 31

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - MANUAL
LOCATION - LAT 49 14 22 N
LONG 105 50 55 W

E - ESTIMATED

REGULATED

DRAINAGE AREA,
504 km²

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

FIR RIVER NEAR HUDSON BAY - STATION NO. 05LB007

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.353B	0.102B	0.096B	0.163B	8.80E	2.12	0.356	0.380	1.81	1.82	0.707B	0.512B	1
2	0.407B	0.088B	0.120B	0.289B	9.40E	1.90	0.313	0.372	1.80	1.81	0.638B	0.484B	2
3	0.334B	0.102B	0.077B	1.87 B	11.7 A	1.70	0.317	0.376	1.42	1.72	0.626B	0.538B	3
4	0.271B	0.082B	0.230B	2.59 B	11.9	1.54	0.297	0.328	1.26	1.61	0.618B	0.506B	4
5	0.256B	0.106B	0.231B	2.04 B	11.6	1.39	0.244	0.312	1.12	1.54	0.661B	0.469B	5
6	0.217B	0.084B	0.178B	2.09 B	10.7	1.20	0.280	0.376	0.898	1.48	0.525B	0.623B	6
7	0.218B	0.078B	0.303B	2.89 B	10.1	1.03	0.267	0.361	0.833	1.40	0.506B	0.557B	7
8	0.186B	0.064B	0.136B	4.77 B	9.72	0.918	0.219	0.357	0.768	1.33	0.503B	0.451B	8
9	0.161B	0.062B	0.366B	4.43 B	9.30	0.843	0.186	0.320	0.820	1.25	0.498B	0.452B	9
10	0.156B	0.261B	0.210B	4.14 B	8.69	0.796	0.166	0.285	1.36	1.17	0.470B	0.456B	10
11	0.146B	0.307B	0.383B	2.75 B	7.98	0.775	0.154	0.264	2.03	1.11	0.461B	0.514B	11
12	0.156B	0.072B	0.400B	7.90 B	7.30	0.701	0.132	0.258	2.01	1.07	0.396B	0.500B	12
13	0.155B	0.195B	0.208B	13.4 B	6.90	0.630	0.378	0.218	1.67	1.04	0.471B	0.482B	13
14	0.107B	0.130B	0.263B	10.8 B	6.79	0.685	0.513	0.181	1.73	1.00	0.430B	0.480B	14
15	0.121B	0.304B	0.186B	8.20 B	6.22	0.537	1.21	0.193	1.58	0.974	0.427B	0.469B	15
16	0.136B	0.233B	0.185B	7.93 B	5.80	0.495	1.79	0.187	1.40	0.957	0.431B	0.480B	16
17	0.186B	0.263B	0.144B	4.50	5.01	0.443	1.93	0.176	1.52	0.932	0.436B	0.456B	17
18	0.267B	0.383B	0.114B	3.65	4.57	0.393	1.83	0.180	1.47	0.911	0.480B	0.446B	18
19	0.409B	0.243B	0.120B	3.40	4.23	0.381	1.87	0.185	1.52	0.871	0.471B	0.447B	19
20	0.200B	0.337B	0.091B	3.08	3.86	0.357	1.69	0.166	1.76	0.871	0.467B	0.461B	20
21	0.307B	0.185B	0.084B	2.87	3.49	0.281	1.82	0.333	1.70	0.846	0.522B	0.427B	21
22	0.312B	0.139B	0.081B	2.89	3.18	0.256	1.47	0.939	1.61	0.799	0.518B	0.485B	22
23	0.286B	0.132B	0.142B	2.26	2.90	0.261	1.28	2.20	1.53	0.801	0.530B	0.366B	23
24	0.230B	0.086B	0.162B	2.15	2.83	0.269	1.06	2.49	1.53	0.787	0.526B	0.359B	24
25	0.153B	0.087B	0.103B	1.88	2.82	0.331	0.948	2.28	1.50	0.707B	0.522B	0.348B	25
26	0.242B	0.106B	0.152B	1.75	2.77	0.337	0.818	2.11	1.66	0.724B	0.478B	0.318B	26
27	0.232B	0.081B	0.152B	1.91	3.06	0.402	0.728	2.01	1.71	0.689B	0.532B	0.300B	27
28	0.182B	0.157B	0.136B	2.60 E	2.94	0.440	0.632	2.70	1.81	0.717B	0.500B	0.182B	28
29	0.235B	0.127B	0.187B	3.60 E	2.69	0.437	0.521	2.61	1.97	0.537B	0.453B	0.089B	29
30	0.113B		0.130B	4.90 E	2.45	0.395	0.450	2.33	1.89	0.509B	0.469B	0.046B	30
31	0.089B		0.052B		2.26		0.444	2.06		0.885B		0.080B	31
TOTAL	6.816	4.636	5.435	117.522	189.57	22.211	24.187	27.533	45.876	32.787	15.139	12.766	TOTAL
MEAN	0.220	0.160	0.175	3.92	6.12	0.740	0.781	0.888	1.53	1.06	0.505	0.412	MEAN
MAX	0.409	0.383	0.400	13.4	11.9	2.12	1.93	2.70	2.03	1.82	0.707	0.623	MAX
MIN	0.089	0.062	0.052	0.163	2.26	0.256	0.132	0.166	0.768	0.537	0.396	0.046	MIN

SUMMARY FOR THE YEAR 1988

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.38
MAXIMUM DAILY, 13.4B ON APR 13
MINIMUM DAILY, 0.046B ON DEC 30

TYPE OF GAUGE - RECORDING
LOCATION - LAT 52 49 59 N
LONG 102 23 44 W
DRAINAGE AREA, 508 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	589	JUL	2 090
FEB	401	AUG	2 380
MAR	470	SEP	3 960
APR	10 200	OCT	2 830
MAY	16 400	NOV	1 310
JUN	1 920	DEC	1 100

TOTAL DISCHARGE, 43 700 dam³

REMARKS - DATA QUALITY DURING THE WINTER PERIOD WAS POOR

FISHING LAKE NEAR WADENA - STATION NO. 05MB013

DAILY WATER LEVEL IN METRES FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	---	---	---	---	---	---	---	---	1
2	---	---	---	---	---	528.758	528.633	---	---	---	---	---	2
3	---	---	---	---	---	---	---	---	---	---	---	---	3
4	---	---	---	---	---	528.755	528.626	528.532	---	---	---	---	4
5	---	---	---	---	---	---	---	---	---	---	---	---	5
6	---	---	---	---	---	528.748	528.637	528.512	---	---	---	---	6
7	---	---	---	---	---	---	---	---	528.430	---	---	---	7
8	---	---	---	---	---	528.742	---	528.497	---	---	---	---	8
9	---	---	---	---	---	---	---	---	---	---	---	---	9
10	---	---	---	---	---	528.726	---	528.487	---	---	---	---	10
11	---	---	---	---	---	---	---	---	---	---	---	---	11
12	---	---	---	---	---	528.718	---	528.482	---	---	---	---	12
13	---	---	---	---	528.730	---	528.597	---	---	---	---	---	13
14	---	---	---	---	528.736	528.710	---	---	---	---	---	---	14
15	---	---	---	---	---	---	---	528.475	---	---	---	---	15
16	---	---	---	---	---	528.701	528.607	---	---	---	---	---	16
17	---	---	---	---	---	---	---	528.497	---	---	---	---	17
18	---	---	---	---	528.761	528.692	---	---	---	---	---	---	18
19	---	---	---	---	---	---	528.585	---	---	---	---	---	19
20	---	---	---	---	528.760	528.687	528.582	---	---	---	---	---	20
21	---	---	---	---	---	---	528.577	528.511	---	---	---	---	21
22	---	---	---	---	528.760	528.676	---	---	---	---	---	---	22
23	---	---	---	---	---	---	---	---	---	---	---	---	23
24	---	---	---	---	528.759	528.668	528.558	---	---	---	---	---	24
25	---	---	---	---	---	---	528.562	528.496	---	528.290	---	---	25
26	---	---	---	---	528.759	528.655	528.552	---	---	---	---	---	26
27	---	---	---	---	---	---	528.536	---	---	---	---	---	27
28	---	---	---	---	528.768	528.647	528.530	528.491	---	---	---	---	28
29	---	---	---	---	---	---	---	---	---	---	---	---	29
30	---		---	---	---	528.640	---	---	---	---	---	---	30
31	---		---		528.768		528.515	528.476		---		---	31
MEAN	---	---	---	---	---	---	---	---	---	---	---	---	MEAN
MAX	---	---	---	---	---	---	---	---	---	---	---	---	MAX
MIN	---	---	---	---	---	---	---	---	---	---	---	---	MIN

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - MANUAL
LOCATION - LAT 51 51 41 N
LONG 103 23 46 W
DATA CONTRIBUTED BY -
SASKATCHEWAN WATER CORPORATION

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

FLOWING WELL WEST INFLOW NEAR FLOWING WELL - STATION NO. 05JC007

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0B	0	0	0	0	0	0	0	---	---	1
2	---	---	0B	0	0	0	0	0	0	0	---	---	2
3	---	---	0B	0	0	0	0	0	0	0	---	---	3
4	---	---	0B	0	0	0	0	0	0	0	---	---	4
5	---	---	0B	0	0	0	0	0	0	0	---	---	5
6	---	---	0B	0	0	0	0	0	0	0	---	---	6
7	---	---	0B	0	0	0	0	0	0	0	---	---	7
8	---	---	0B	0	0	0	0	0	0	0	---	---	8
9	---	---	0B	0	0	0	0	0	0	0	---	---	9
10	---	---	0B	0	0	0	0	0	0	0	---	---	10
11	---	---	0B	0	0	0	0	0	0	0	---	---	11
12	---	---	0B	0	0	0	0	0	0	0	---	---	12
13	---	---	0B	0	0	0	0	0	0	0	---	---	13
14	---	---	0B	0	0	0	0	0	0	0	---	---	14
15	---	---	0B	0	0	0	0	0	0	0	---	---	15
16	---	---	0B	0	0	0	0	0	0	0	---	---	16
17	---	---	0B	0	0	0	0	0	0	0	---	---	17
18	---	---	0B	0	0	0	0	0	0	0	---	---	18
19	---	---	0B	0	0	0	0	0	0	0	---	---	19
20	---	---	0B	0	0	0	0	0	0	0	---	---	20
21	---	---	0	0	0	0	0	0	0	0	---	---	21
22	---	---	0	0	0	0	0	0	0	0	---	---	22
23	---	---	0	0	0	0	0	0	0	0	---	---	23
24	---	---	0	0	0	0	0	0	0	0	---	---	24
25	---	---	0	0	0	0	0	0	0	0	---	---	25
26	---	---	0	0	0	0	0	0	0	0	---	---	26
27	---	---	0	0	0	0	0	0	0	0	---	---	27
28	---	---	0	0	0	0	0	0	0	0	---	---	28
29	---	---	0	0	0	0	0	0	0	0	---	---	29
30	---		0	0	0	0	0	0	0	0	---	---	30
31	---		0		0		0	0		0		---	31
TOTAL	---	---	0	0	0	0	0	0	0	0	---	---	TOTAL
MEAN	---	---	0	0	0	0	0	0	0	0	---	---	MEAN
MAX	---	---	0	0	0	0	0	0	0	0	---	---	MAX
MIN	---	---	0	0	0	0	0	0	0	0	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0
MAXIMUM DAILY, 0B ON MAR 1
MINIMUM DAILY, 0B ON MAR 1
MAXIMUM INSTANTANEOUS,
0B AT 00:00 CST ON MAR 1

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 15 04 N
LONG 105 55 46 W
DRAINAGE AREA, 91.9 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	0
FEB	---	AUG	0
MAR	0	SEP	0
APR	0	OCT	0
MAY	0	NOV	---
JUN	0	DEC	---

TOTAL DISCHARGE, 0 dam³

FOND DU LAC RIVER AT OUTLET OF BLACK LAKE - STATION NO. 07LE002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	195	171	156	158	185	367	463	466	388	371	322	312	1
2	195	170	155	159	187	374	462	467	387	370	325	312	2
3	194	169	156	159	190	383	459	465	390	368	321	309	3
4	193	168	155	161	192	390	457	461	389	367	317	308	4
5	193	168	156	162	197	396	454	448	388	365	315	307	5
6	192	168	157	163	201	403	448	444	384	365	318	306	6
7	192	168	154	164	208	409	449	442	381	365	321	307	7
8	192	166	157	165	215	415	455	440	387	362	321	307	8
9	190	165	158	166	223	421	453	438	388	358	320	307	9
10	189	165	159	166	231	426	454	435	387	360	320	307	10
11	188	162	159	166	238	436	456	431	385	359	321	305E	11
12	188	162	159	165	246	445	459	428	384	358	319	304E	12
13	186	161	158	166	254	448	461	425	383	355	318	302E	13
14	187	161	158	167A	261	451	459	422	384	354	318	301E	14
15	186	160	158	167	266	454	460	422	384	351	318	300E	15
16	186	159	159	167	273	457	461	420	384	351	317	299E	16
17	185	159	160	168	279	460	461	417	383	349	316	298E	17
18	184	158	160	168	282	462	461	415	384	348	316	298E	18
19	182	157	158	170	288	461	462	413	383	349	315	297E	19
20	182	157	158	171	295	462	465	411	382	347	315	296E	20
21	182	157	156	173	301	465	465	407	382	346	315	296E	21
22	182	156	156	173	308	465	464	408	378	345	315	295E	22
23	180	155	157	174	315	466	459	407	377	342	314	294E	23
24	179	156	157	175	317	487	462	405	375	340	314	293E	24
25	179	155	157	175	322	484	463	406	378	337	315	293E	25
26	176	156	157	176	328	482	463	406	376	335	315	291E	26
27	176	157	158	177	335	488	460	403	376	330	315	290E	27
28	175	156	157	178	343	488	460	402	374	328	314	290E	28
29	174	156	157	180	350	466	458	401	372	327	313	289E	29
30	174		158	183	357	465	460	401	371	326	313	288E	30
31	173		159		368		460	399		324		288	31
TOTAL	5 733	4 676	4 889	5 064	8 383	13 141	14 185	13 115	11 482	10 853	9 516	9 282	TOTAL
MEAN	185	161	158	169	269	438	458	423	383	350	317	300	MEAN
MAX	195	171	160	183	368	487	465	468	387	371	325	312	MAX
MIN	173	155	155	158	185	367	444	399	371	324	313	288	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 301
MAXIMUM DAILY, 487 ON JUN 24
MINIMUM DAILY, 155 ON FEB 23
MAXIMUM INSTANTANEOUS,
482 AT 21:21 CST ON JUL 21

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 59 08 50 N
LONG 105 32 20 W
DRAINAGE AREA, 49 200 km²
A - MANUAL GAUGE

E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	495 000	JUL	1 230 000
FEB	404 000	AUG	1 130 000
MAR	422 000	SEP	992 000
APR	438 000	OCT	938 000
MAY	722 000	NOV	822 000
JUN	1 140 000	DEC	803 000

TOTAL DISCHARGE, 9 640 000 dam³

REMARKS - DISHCARGES WERE AFFECTED BY WIND ON BLACK LAKE

FOSTER RIVER ABOVE CHURCHILL RIVER - STATION NO. 06CE001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	5.46	4.52	4.64	4.86	5.67	15.1	15.4	16.5	11.6	13.1	11.3	12.1	1
2	5.54A	4.56	4.61	4.82	6.07	15.8	15.2	16.2	11.6	13.1	11.4	12.1	2
3	5.50E	4.53	4.60	4.81	7.21	15.8	15.0	15.9	11.6	13.0	11.3	12.1	3
4	5.48E	4.53	4.59	4.84	7.82	15.7	15.9	15.8	11.7	13.1	11.2	12.0	4
5	5.46E	4.55	4.64	4.80	8.52	16.1	15.8	15.6	11.6	13.2	11.2	12.0	5
6	5.43E	4.58	4.68	4.95	9.32	16.4	15.3	15.4	11.6	13.3	11.5	11.9	6
7	5.40E	4.56	4.68	5.05	10.4	16.3	14.9	15.4	11.6	13.2	11.7	11.8	7
8	5.34E	4.56	4.74	5.13	11.6	17.0	14.7	15.0	11.7	13.2	11.6	11.8	8
9	5.31E	4.55	4.74	5.17	13.1	17.9	14.7	14.8	11.6	13.1	11.5	11.8	9
10	5.28E	4.53	5.21	5.17	14.8	18.8	14.7	14.7	11.6	12.9	11.5	11.6	10
11	5.24E	4.53	4.84	5.21	16.4	20.1	14.7	14.6	11.6	12.8	11.6	11.7	11
12	5.22E	4.54	4.78	5.23	18.4	20.6	14.7	14.5	11.8	12.7	11.6	11.8	12
13	5.20E	4.60	4.75	5.26	19.5	21.2	15.1	14.2	11.9	12.6	11.6	11.8	13
14	5.17E	4.58	4.74	5.30	21.5	21.5	15.3	14.1	12.0	12.5	11.6	11.6	14
15	5.11A	4.56	4.75	5.28	21.7	21.5	15.8	13.9	12.2	12.4	11.6	11.5	15
16	5.01	4.61	4.77	5.35	21.7	21.4	15.4	13.6	12.4	12.4	11.5	11.8	16
17	4.97	4.61	4.75	5.32	22.0	21.4	15.5	13.4	12.5	12.2	11.6	11.6	17
18	4.92	4.60	4.77	5.30	21.9	21.3	15.8	13.3	12.5	12.2	11.6	11.6	18
19	4.91	4.56	4.72	5.34	21.8	20.5	16.2	13.1	12.6	12.2	11.6	11.8	19
20	4.87	4.53	4.76	5.31	21.8	19.8	16.4	13.1	12.6	12.1	11.6	11.7	20
21	4.88	4.57	4.75	5.32	21.4	19.5	16.7	13.1	12.7	12.1	11.7	11.5	21
22	4.87	4.53	4.80	5.33	21.1	19.0	17.1	13.3	12.8	12.1	11.7	11.5	22
23	4.82	4.53	4.85	5.34	20.5	18.6	17.0	12.9	12.9	11.9	11.8	11.4	23
24	4.79	4.50	4.80	5.36	19.6	18.3	17.2	12.8	12.9	11.8	11.9	11.4	24
25	4.72	4.58	4.81	5.42	19.2	17.9	17.3	12.6	12.9	11.7	11.9	11.2	25
26	4.71	4.66	4.85	5.51	18.8	17.4	17.4	12.6	13.0	11.7	11.8	11.1	26
27	4.68	4.67	4.86	5.61	18.4	17.1	17.2	12.4	13.1	11.5	11.7	11.2	27
28	4.67	4.67	4.85	5.77	18.0	16.6	17.1	12.2	13.2	11.4	11.9	11.1A	28
29	4.70	4.66	4.85	6.04	17.5	16.1	16.9	12.1	13.2	11.3	12.0	11.1A	29
30	4.71		4.88	6.37	17.3	15.8	16.8	12.0	13.2	11.3	12.0	11.1	30
31	4.70		4.81		15.7		16.7	11.8		11.4		11.0	31
TOTAL	157.10	132.78	147.89	159.06	512.01	551.5	493.5	431.1	369.5	383.6	346.2	359.1	TOTAL
MEAN	5.07	4.58	4.77	5.30	16.5	18.4	15.9	13.9	12.3	12.4	11.6	11.6	MEAN
MAX	5.54	4.68	5.21	6.37	22.0	21.5	17.4	16.5	13.2	13.3	12.0	12.1	MAX
MIN	4.67	4.50	4.59	4.80	5.67	15.7	14.7	11.8	11.6	11.3	11.2	11.0	MIN

SUMMARY FOR THE YEAR 1988

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 11.1
MAXIMUM DAILY, 22.0 ON MAY 17
MINIMUM DAILY, 4.50 ON FEB 24
MAXIMUM INSTANTANEOUS,
22.1 AT 23:00 CST ON MAY 17

TYPE OF GAUGE - RECORDING
LOCATION - LAT 55 45 30 N
LONG 105 45 20 W
DRAINAGE AREA, 4 540 km²
A - MANUAL GAUGE

E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	13 600	JUL	42 600
FEB	11 500	AUG	37 200
MAR	12 800	SEP	31 900
APR	13 700	OCT	33 100
MAY	44 200	NOV	30 100
JUN	47 600	DEC	31 000

TOTAL DISCHARGE, 349 000 dam³

FRENCHMAN RIVER AT 50-MILE - STATION NO. 11AC023

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	0.433	0.067	0	0	0	0	---	---	1
2	---	---	---	---	0.420	0.069	0	0	0	0	---	---	2
3	---	---	---	---	0.390	0.071	0	0	0	0	---	---	3
4	---	---	---	---	0.336	0.066A	0	0	0	0	---	---	4
5	---	---	---	---	0.325	0.133	0.006	0	0	0	---	---	5
6	---	---	---	---	0.312	0.128A	0.033	0	0	0	---	---	6
7	---	---	---	---	0.277	0.100A	0.032	0	0	0	---	---	7
8	---	---	---	---	0.250	0.093	0.030	0	0	0	---	---	8
9	---	---	---	---	0.227	0.091	0.019	0	0	0	---	---	9
10	---	---	---	---	0.208	0.08[illegible]	0.011	0	0	0	---	---	10
11	---	---	---	---	0.243	0.083	0.005	0	0	0	---	---	11
12	---	---	---	---	0.246	0.080	0.004	0	0	0	---	---	12
13	---	---	---	---	0.260	0.081	0.002	0	0	0	---	---	13
14	---	---	---	---	0.282	0.087	0	0	0	0	---	---	14
15	---	---	---	---	0.286	0.096	0	0	0	0	---	---	15
16	---	---	---	---	0.299	0.089	0	0	0	0	---	---	16
17	---	---	---	---	0.292	0.085	0	0	0	0	---	---	17
18	---	---	---	---	0.270	0.081	0	0	0	0	---	---	18
19	---	---	---	---	0.285	0.088	0	0	0	0	---	---	19
20	---	---	---	---	0.260	0.075	0	0	0	0	---	---	20
21	---	---	---	---	0.271	0.075	0	0	0	0	---	---	21
22	---	---	---	---	0.258	0.073	0	0	0	0	---	---	22
23	---	---	---	---	0.273	0.060	0	0	0	0	---	---	23
24	---	---	---	---	0.261	0.041A	0 E	0	0	0	---	---	24
25	---	---	---	---	0.276	0.010E	0 E	0	0	0	---	---	25
26	---	---	---	---	0.287	0 E	0 E	0	0	0	---	---	26
27	---	---	---	0.530A	0.266	0	0	0	0	0	---	---	27
28	---	---	---	0.521	0.260	0	0	0	0	0	---	---	28
29	---	---	---	0.524	0.224A	0	0	0	0	0	---	---	29
30	---		---	0.442	0.142A	0	0	0	0	0	---	---	30
31	---		---		0.082		0	0		0		---	31
TOTAL	---	---	---	---	8.442	1.861	0.144	0	0	0	---	---	TOTAL
MEAN	---	---	---	---	0.272	0.065	0.005	0	0	0	---	---	MEAN
MAX	---	---	---	---	0.433	0.133	0.033	0	0	0	---	---	MAX
MIN	---	---	---	---	0.082	0	0	0	0	0	---	---	MIN

SUMMARY FOR THE MONTHS MAY TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.057

MINIMUM DAILY, 0E ON JUN 26

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 24 37 N
LONG 108 00 45 W
DRAINAGE AREA, 3 080 km²
A - MANUAL GAUGE

E - ESTIMATED
REGULATED SINCE 1937

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	12.4
FEB	---	AUG	0
MAR	---	SEP	0
APR	---	OCT	0
MAY	729	NOV	---
JUN	160	DEC	---

TOTAL DISCHARGE, 910 dam³

FRENCHMAN RIVER AT INTERNATIONAL BOUNDARY - STATION NO. 11AC041

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.270B	0.110	0.044	1.10	1.18	0.016	0	0	---	---	1
2	---	---	0.280B	0.115	0.038	1.02	1.11	0.012	0	0	---	---	2
3	---	---	0.264B	0.113	0.030	1.16	1.02	0.008	0	0	---	---	3
4	---	---	0.204B	0.080	0.025	1.14	1.12	0.007	0	0	---	---	4
5	---	---	0.230B	0.038	0.021	1.08	1.76	0.004	0	0	---	---	5
6	---	---	0.267B	0.021	0.020	0.864	4.35	0.003	0	0	---	---	6
7	---	---	0.246B	0.018	0.047	0.811	3.66	0.002	0	0	---	---	7
8	---	---	0.182B	0.012	0.115	1.06	1.70	0.002	0	0	---	---	8
9	---	---	0.188B	0.008	0.177	1.13	0.841	0.001	0	0	---	---	9
10	---	---	0.228B	0.007	0.187	1.13	0.417	0.001	0	0	---	---	10
11	---	---	0.207B	0.006	0.571	1.06	0.248	0.001	0	0	---	---	11
12	---	---	0.172B	0.005	0.881	1.07	0.177	0	0	0	---	---	12
13	---	---	0.154B	0.004	0.884	1.27	0.204	0	0	0	---	---	13
14	---	---	0.140B	0.004	0.458	2.01	0.161	0	0	0	---	---	14
15	---	---	0.121B	0.005	0.413	2.14	0.112	0	0	0	---	---	15
16	---	---	0.113	0.007	0.417	1.41	0.105	0	0	0	---	---	16
17	---	---	0.113	0.035	0.408	1.27	0.084	0	0	0	---	---	17
18	---	---	0.122	0.062	0.380	1.30	0.083	0	0	0	---	---	18
19	---	---	0.172	0.152	0.344	1.23	0.080	0	0	0	---	---	19
20	---	---	0.166	0.028	0.338	1.28	0.068	0	0	0	---	---	20
21	---	---	0.225	0.010	0.325	1.41	0.053	0	0	0	---	---	21
22	---	---	0.225	0.022	0.348	1.28	0.040	0	0	0	---	---	22
23	---	---	0.186	0.024	0.280	1.00	0.028	0	0	0	---	---	23
24	---	---	0.178	0.053	0.217	1.20	0.021	0	0	0	---	---	24
25	---	---	0.170	0.044	0.172	1.15	0.016	0	0	0	---	---	25
26	---	---	0.152	0.019	0.138	1.02	0.018	0	0	0	---	---	26
27	---	---	0.148	0.152	0.126	1.09	0.030	0	0	0	---	---	27
28	---	---	0.082	0.106	0.088	0.848	0.034	0	0	0	---	---	28
29	---	---	0.130	0.071	0.090	1.08	0.032	0	0	0	---	---	29
30	---		0.118	0.042	0.102	1.20	0.028	0	0	0	---	---	30
31	---		0.112		0.084		0.023	0		0		---	31
TOTAL	---	---	5.586	1.390	8.080	35.884	18.847	0.058	0	0	---	---	TOTAL
MEAN	---	---	0.180	0.046	0.261	1.20	0.608	0.002	0	0	---	---	MEAN
MAX	---	---	0.270	0.152	0.884	2.14	4.35	0.016	0	0	---	---	MAX
MIN	---	---	0.082	0.004	0.020	0.848	0.016	0	0	0	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.268
MAXIMUM DAILY, 4.35 ON JUL 6
MINIMUM DAILY, 0 ON AUG 12
MAXIMUM INSTANTANEOUS,
4.67 AT 11:00 CST ON JUL 6

SUMMARY FOR THE MONTHS MAR TO OCT

INTERNATIONAL GAUGING STATION
TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 00 00 N
LONG 107 18 06 W
DRAINAGE AREA, 5 510 km²

B - ICE CONDITIONS

REGULATED SINCE 1937

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	1 630
FEB	---	AUG	5.01
MAR	481	SEP	0
APR	120	OCT	0
MAY	698	NOV	---
JUN	3 120	DEC	---

TOTAL DISCHARGE, 6 050 dam³

FRENCHMAN RIVER BELOW EASTEND RESERVOIR - STATION NO. 11AC001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.590B	2.11 B	0.309	0.059	0.051	0.058	0.012	0.179	---	---	1
2	---	---	0.537B	1.85 B	0.314	0.048	0.070	0.054	0.024	0.142	---	---	2
3	---	---	0.517B	2.06	0.288	0.051	0.082	0.043	0.019	0.221	---	---	3
4	---	---	0.351B	2.11	0.232	0.046	0.082	0.052	0.021	0.186	---	---	4
5	---	---	0.384B	2.46	0.215	0.047	0.088	0.036	0.029	0.084	---	---	5
6	---	---	0.451B	3.02	0.205	0.134	0.088	0.088	0.036	0.080	---	---	6
7	---	---	0.582B	3.66	0.202	0.144	0.088	0.040	0.038	0.084	---	---	7
8	---	---	0.647B	2.33	0.205	0.107	0.064	0.008	0.054	0.082	---	---	8
9	---	---	0.720B	0.383	0.188	0.090	0.048	0.012	0.040	0.151	---	---	9
10	---	---	0.800B	0.361	0.182	0.081	0.084	0.011	0.007	0.073	---	---	10
11	---	---	0.781B	0.250	0.166	0.071	0.084	0.025	0.046	0.088	---	---	11
12	---	---	0.676B	0.258	0.157	0.078	0.120	0.028	0.076	0.075	---	---	12
13	---	---	0.510B	1.16	0.150	0.107	0.167	0.018	0.014	0.088	---	---	13
14	---	---	0.422B	1.98	0.148	0.081	0.124	0.027	0.008	0.077	---	---	14
15	---	---	0.357B	1.82	0.135	0.084	0.048	0.023	0.024	0.083	---	---	15
16	---	---	0.311B	1.36	0.123	0.081	0.048	0.038	0.017	0.107	---	---	16
17	---	---	0.313B	1.16	0.118	0.081	0.062	0.031	0.022	0.076	---	---	17
18	---	---	0.372B	0.851	0.109	0.074	0.058	0.031	0.028	0.085	---	---	18
19	---	---	0.471B	0.852	0.104	0.071	0.050	0.026	0.027	0.328	---	---	19
20	---	---	0.728B	0.587	0.088	0.066	0.050	0.024	0.031	0.502	---	---	20
21	---	---	1.17 B	0.320	0.082	0.084	0.046	0.037	0.028	0.444	---	---	21
22	---	0.350B	1.76 B	0.316	0.083	0.067	0.044	0.018	0.029	0.338	---	---	22
23	---	0.250B	4.82 B	0.288	0.072	0.066	0.036	0.024	0.022	0.303	---	---	23
24	---	0.275B	6.47 B	0.288	0.058	0.068	0.037	0.011	0.046	0.280	---	---	24
25	---	0.300B	5.82 B	0.288	0.057	0.058	0.040	0.013	0.038	0.624	---	---	25
26	---	0.380B	4.48 B	0.302	0.034	0.062	0.043	0.016	0.075	0.830A	---	---	26
27	---	0.550B	4.00 B	0.284	0.032	0.064	0.044	0.028	0.089	0.590E	---	---	27
28	---	0.700B	2.88 B	0.306	0.038	0.078	0.046	0.052	0.072	0.540E	---	---	28
29	---	0.600B	3.13 B	0.306	0.020	0.078	0.046	0.038	0.183	0.480E	---	---	29
30	---		2.25 B	0.308	0.031	0.076	0.040	0.018	0.218	0.440E	---	---	30
31	---		2.15 B		0.057		0.047	0.020		0.400E		---	31
TOTAL	---	---	49.710	34.182	4.209	2.288	1.937	0.949	1.384	7.726	---	---	TOTAL
MEAN	---	---	1.60	1.14	0.136	0.076	0.062	0.031	0.046	0.249	---	---	MEAN
MAX	---	---	6.47	3.66	0.314	0.144	0.167	0.088	0.218	0.830	---	---	MAX
MIN	---	---	0.311	0.250	0.020	0.046	0.036	0.008	0.007	0.080	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.418
MAXIMUM DAILY, 6.47B ON MAR 24
MINIMUM DAILY, 0.007 ON SEP 10
MAXIMUM INSTANTANEOUS,
6.12B AT 20:30 CST ON MAR 24

SUMMARY FOR THE MONTHS MAR TO OCT

INTERNATIONAL GAUGING STATION
TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 30 54 N
LONG 108 50 16 W
DRAINAGE AREA, 1 800 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
REGULATED SINCE 1937

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	167
FEB	---	AUG	82.0
MAR	4 290	SEP	120
APR	2 950	OCT	668
MAY	364	NOV	---
JUN	198	DEC	---

TOTAL DISCHARGE, 8 840 dam³

FRENCHMAN RIVER BELOW NEWTON LAKE - STATION NO. 11AC062

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.141	0.087	0.187	1.38	1.18	0.001	0.001	0.001	---	---	1
2	---	---	0.108	0.079	0.158	1.39	1.18	0.001	0.001	0.001	---	---	2
3	---	---	0.113	0.085	0.158	1.39	1.13	0.001	0.001	0.001	---	---	3
4	---	---	0.113	0.115	0.152	1.41	1.11	0.001	0.001	0.001	---	---	4
5	---	---	0.110A	0.110	0.148	1.45	1.08	0.001	0.001	0.001	---	---	5
6	---	---	0.099E	0.118	0.148	1.46	0.443	0.001	0.001	0.001	---	---	6
7	---	---	0.092E	0.116	0.147	1.48	0.007	0.001	0.001	0.001	---	---	7
8	---	---	0.084A	0.107	0.145	1.46	0.003	0.001	0.001	0.001	---	---	8
9	---	---	0.081	0.088	0.141	1.44	0.002	0.001	0.001	0.001	---	---	9
10	---	---	0.078	0.093	0.142	1.41	0.003	0.001	0.001	0.001	---	---	10
11	---	---	0.077	0.082	0.142	1.43	0.004	0.001	0.001	0.001	---	---	11
12	---	---	0.078	0.090	0.133	1.44	0.005	0.001	0.001	0.001	---	---	12
13	---	---	0.081	0.845	0.132	1.43	0.004	0.001	0.001	0	---	---	13
14	---	---	0.077	1.74	0.138	1.43	0.003	0.001	0.001	0.081	---	---	14
15	---	---	0.077	1.52	0.128	1.45	0.003	0.001	0.001	0.218	---	---	15
16	---	---	0.078	1.18	0.127	1.42	0.003	0.001	0.001	0.213	---	---	16
17	---	---	0.077	0.888	0.133	1.62	0.003	0.001	0.001	0.224	---	---	17
18	---	---	0.080	0.161	0.128	1.71	0.014	0.001	0.001	0.222	---	---	18
19	---	---	0.080	0.161	0.122	1.53	0.018	0.001	0.001	0.254	---	---	19
20	---	---	0.078	0.178	0.123	1.40	0.008	0.001	0.001	0.243	---	---	20
21	---	---	0.080	0.174	0.123	1.38	0.004	0.001	0.001	0.183	---	---	21
22	---	---	0.078	0.170	0.123	1.38	0.003	0.001	0.001	0.202	---	---	22
23	---	---	0.074	0.185	0.133	1.32	0.001	0.001	0.001	0.143	---	---	23
24	---	---	0.074	0.180	0.127	1.30	0.001	0.001	0.001	0.148	---	---	24
25	---	---	0.075	0.168	0.135	1.28	0.001	0.001	0.001	0.111	---	---	25
26	---	0.182E	0.078	0.183	0.122	1.27	0.001	0.001	0.001	0.123	---	---	26
27	---	0.182E	0.080	0.183	1.03	1.28	0.001	0.001	0.001	0.082	---	---	27
28	---	0.182E	0.080	0.180	1.47	1.35	0.001	0.001	0.001	0.008A	---	---	28
29	---	0.183A	0.084	0.168	1.44	1.26	0.001	0.001	0.001	0.002E	---	---	29
30	---		0.083	0.167	1.43	1.24	0.001	0.001	0.001	0.002E	---	---	30
31	---		0.082		1.42		0.001	0.001		0.002E		---	31
TOTAL	---	---	2.588	9.339	10.388	41.62	6.205	0.031	0.030	2.471	---	---	TOTAL
MEAN	---	---	0.083	0.311	0.334	1.39	0.200	0.001	0.001	0.080	---	---	MEAN
MAX	---	---	0.141	1.74	1.47	1.71	1.18	0.001	0.001	0.254	---	---	MAX
MIN	---	---	0.080	0.087	0.123	1.24	0.001	0.001	0.001	0	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.287
MAXIMUM DAILY, 1.74 ON APR 14
MINIMUM DAILY, 0 ON OCT 13
MAXIMUM INSTANTANEOUS,
1.77 AT 13:28 CST ON APR 13

INTERNATIONAL GAUGING STATION
TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 15 07 N
LONG 107 46 20 W
DRAINAGE AREA, 3 490 km²
A - MANUAL GAUGE

E - ESTIMATED
REGULATED SINCE 1937

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	536
FEB	---	AUG	2.68
MAR	224	SEP	2.59
APR	807	OCT	213
MAY	888	NOV	---
JUN	3 610	DEC	---

TOTAL DISCHARGE, 8 290 dam³

FRENCHMAN RIVER BELOW VAL MARIE - STATION NO. 11AC051

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	0.083E	0.880E	0.892	0	0	0	---	---	1
2	---	---	---	---	0.084E	1.10 E	0.908	0	0	0	---	---	2
3	---	---	---	---	0.282A	1.00 E	0.848	0	0	0	---	---	3
4	---	---	---	---	0.284A	0.787A	0.837	0	0	0	---	---	4
5	---	---	---	---	0.371A	0.873	1.58	0	0	0	---	---	5
6	---	---	---	---	0.302A	1.14	1.09	0	0	0	---	---	6
7	---	---	---	---	0.220A	1.25	0.242	0	0	0	---	---	7
8	---	---	---	---	0.664E	1.22	0.033	0	0	0	---	---	8
9	---	---	---	---	0.833A	1.11	0.008	0	0	0	---	---	9
10	---	---	---	---	0.708A	1.08	0.005	0	0	0	---	---	10
11	---	---	---	---	0.884	1.10	0.001	0	0	0	---	---	11
12	---	---	---	---	0.573	1.10 E	0	0	0	0	---	---	12
13	---	---	---	---	0.824	1.20 E	0	0	0	0	---	---	13
14	---	---	---	---	0.573	1.85 E	0	0	0	0	---	---	14
15	---	---	---	---	0.844	1.80 E	0	0	0	0	---	---	15
16	---	---	---	---	0.490	1.45 A	0	0	0	0	---	---	16
17	---	---	---	---	0.477	1.40	0	0	0	0	---	---	17
18	---	---	---	---	0.444	1.57	0	0	0	0	---	---	18
19	---	---	---	---	0.500	1.85	0	0	0	0	---	---	19
20	---	---	---	---	0.282	1.48	0	0	0	0	---	---	20
21	---	---	---	---	0.210	1.38	0	0	0	0	---	---	21
22	---	---	---	---	0.288	1.39	0	0	0	0	---	---	22
23	---	---	---	---	0.180	1.39	0	0	0	0	---	---	23
24	---	---	---	---	0.184	1.31	0	0	0	0	---	---	24
25	---	---	---	---	0.114	1.30	0	0	0	0	---	---	25
26	---	---	---	0.130A	0.128	1.28	0	0	0	0	---	---	26
27	---	---	---	0.119A	0.101	1.31	0	0	0	0	---	---	27
28	---	---	---	0.122E	1.08	1.21	0	0	0	0	---	---	28
29	---	---	---	0.114E	1.47	1.14	0	0	0	0	---	---	29
30	---		---	0.103E	1.28	1.10	0	0	0	0	---	---	30
31	---		---		0.888A		0	0		0		---	31
TOTAL	---	---	---	---	14.837	37.570	6.636	0	0	0	---	---	TOTAL
MEAN	---	---	---	---	0.478	1.25	0.214	0	0	0	---	---	MEAN
MAX	---	---	---	---	1.47	1.85	1.58	0	0	0	---	---	MAX
MIN	---	---	---	---	0.084	0.787	0	0	0	0	---	---	MIN

SUMMARY FOR THE MONTHS MAY TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.321
MAXIMUM DAILY, 1.85 ON JUN 19
MINIMUM DAILY, 0 ON JUL 12
MAXIMUM INSTANTANEOUS,
3.45 AT 22:22 CST ON JUL 5

INTERNATIONAL GAUGING STATION
TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 11 40 N
LONG 107 41 12 W
DRAINAGE AREA, 4 470 km²
A - MANUAL GAUGE

E - ESTIMATED
REGULATED SINCE 1937

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	574
FEB	---	AUG	0
MAR	---	SEP	0
APR	---	OCT	0
MAY	1 280	NOV	---
JUN	3 250	DEC	---

TOTAL DISCHARGE, 5 100 dam³

FROBISHER INDEX RESERVOIR - STATION NO. 05ND008

DAILY WATER LEVEL IN METRES FOR 1986

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	28.446A	28.450E	28.402	28.381	27.892	27.784E	DRY	DRY	---	---	1
2	---	---	28.446E	28.458E	28.585	28.336	27.877	27.784E	DRY	DRY	---	---	2
3	---	---	28.450E	28.456E	28.657	28.317	27.882A	27.784A	DRY	DRY	---	---	3
4	---	---	28.456E	28.454E	28.654	28.297	27.851E	27.765E	DRY	DRY	---	---	4
5	---	---	28.456E	28.452E	28.646	28.270	27.841E	27.747E	DRY	DRY	---	---	5
6	---	---	28.456E	28.450A	28.641	28.240	27.883A	27.728E	DRY	DRY	---	---	6
7	---	---	28.459E	28.448E	28.639	28.214	27.876	27.710E	DRY	DRY	---	---	7
8	---	---	28.460E	28.449A	28.634	28.180	27.888A	27.691E	DRY	DRY	---	---	8
9	---	---	28.456A	28.449	28.631	28.151	27.854E	27.672E	DRY	DRY	---	---	9
10	---	---	28.455E	28.448	28.631	28.126	27.843E	27.654E	DRY	DRY	---	---	10
11	---	---	28.454E	28.450	28.616	28.094	27.835E	27.636E	DRY	DRY	---	---	11
12	---	---	28.452E	28.453	28.611	28.065	27.893A	27.617E	DRY	DRY	---	---	12
13	---	---	28.451E	28.453	28.607	28.044	28.074	DRY	DRY	DRY	---	---	13
14	---	---	28.450E	28.451	28.598	28.048	28.055	DRY	DRY	DRY	---	---	14
15	---	---	28.448E	28.450	28.595	28.064	28.037	DRY	DRY	DRY	---	---	15
16	---	---	28.447E	28.447	28.585	28.042	28.016	DRY	DRY	DRY	---	---	16
17	---	---	28.445E	28.439	28.576	28.021	27.992	DRY	DRY	DRY	---	---	17
18	---	---	28.444E	28.433	28.565	27.999	27.970	DRY	DRY	DRY	---	---	18
19	---	---	28.442E	28.427	28.554A	27.976	27.956	DRY	DRY	DRY	---	---	19
20	---	---	28.440E	28.417	28.540E	27.952	27.952	DRY	DRY	DRY	---	---	20
21	---	---	28.438E	28.412	28.527E	27.935	27.931	DRY	DRY	DRY	---	---	21
22	---	---	28.436E	28.406	28.514E	27.912	27.910	DRY	DRY	DRY	---	---	22
23	---	---	28.434A	28.399	28.499E	27.898	27.888	DRY	DRY	DRY	---	---	23
24	---	---	28.463E	28.394	28.486E	27.889	27.851A	DRY	DRY	DRY	---	---	24
25	---	28.258E	28.474E	28.382	28.472A	27.876	27.831E	DRY	DRY	DRY	---	---	25
26	---	28.283E	28.472E	28.374	28.459	27.857A	27.820E	DRY	DRY	DRY	---	---	26
27	---	28.406E	28.470E	28.366	28.445	27.829E	27.811E	DRY	DRY	DRY	---	---	27
28	---	28.446E	28.468E	28.358	28.427	27.801A	27.805E	DRY	DRY	DRY	---	---	28
29	---	28.449E	28.466E	28.347	28.406	27.788E	27.802E	DRY	DRY	DRY	---	---	29
30	---		28.464E	28.340	28.385	27.863A	27.795E	DRY	DRY	DRY	---	---	30
31	---		28.462E		28.366		27.790E	DRY		DRY		---	31
MEAN	---	---	28.453	28.424	28.547	28.047	27.892	27.834	DRY	DRY	---	---	MEAN
MAX	---	---	28.474	28.460	28.657	28.381	28.074	DRY	DRY	DRY	---	---	MAX
MIN	---	---	28.434	28.340	28.366	27.788	27.790	27.617	DRY	DRY	---	---	MIN

WATER LEVELS IN METRES

MAXIMUM INSTANTANEOUS,
28.659 AT 15:45 CST ON MAY 3

WATER LEVELS ARE REFERRED TO ASSUMED DATUM

SUMMARY FOR THE YEAR 1986

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 11 47 N
LONG 102 22 36 W

A - MANUAL GAUGE
E - ESTIMATED

GAFF DITCH NEAR MERRYFLAT - STATION NO. 11AB102

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1986

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0 B	0.350B	0.308	0.113	0	0	0	0	---	---	1
2	---	---	0 B	0.450B	0.301	0.122	0	0	0	0	---	---	2
3	---	---	0 B	0.550B	0.284	0.100	0	0	0	0	---	---	3
4	---	---	0 B	0.600B	0.347	0.054	0	0	0	0	---	---	4
5	---	---	0 B	0.650B	0.386	0.036	0	0	0	0	---	---	5
6	---	---	0 B	0.592	0.415	0.003	0	0	0	0	---	---	6
7	---	---	0 B	0.589	0.436	0	0	0	0	0	---	---	7
8	---	---	0 B	0.551	0.440	0	0	0	0	0	---	---	8
9	---	---	0 B	0.498	0.407	0	0	0	0	0	---	---	9
10	---	---	0 B	0.512	0.327	0	0	0	0	0	---	---	10
11	---	---	0 B	0.503	0.001	0	0	0	0	0	---	---	11
12	---	---	0 B	0.502	0.001	0	0	0	0	0	---	---	12
13	---	---	0 B	0.470	0.002	0	0	0	0	0	---	---	13
14	---	---	0 B	0.410	0.002	0	0	0	0	0	---	---	14
15	---	---	0 B	0.480	0.003	0	0	0	0	0	---	---	15
16	---	---	0 B	0.484	0.010	0	0	0	0	0	---	---	16
17	---	---	0 B	0.452	0.003	0	0	0	0	0	---	---	17
18	---	---	0 B	0.426	0.003	0	0	0	0	0	---	---	18
19	---	---	0 B	0.386	0.001	0	0	0	0	0	---	---	19
20	---	---	0 B	0.398	0.001	0	0	0	0	0	---	---	20
21	---	---	0 B	0.307	0	0	0	0	0	0	---	---	21
22	---	0B	0 B	0.316	0	0	0	0	0	0	---	---	22
23	---	0B	0 B	0.267	0	0	0	0	0	0	---	---	23
24	---	0B	0 B	0.238	0	0	0	0	0	0	---	---	24
25	---	0B	0 B	0.246	0	0	0	0	0	0	---	---	25
26	---	0B	0 B	0.306	0	0	0	0	0	0	---	---	26
27	---	0B	0.075B	0.300	0	0	0	0	0	0	---	---	27
28	---	0B	0.130B	0.294	0	0	0	0	0	0	---	---	28
29	---	0B	0.160B	0.306	0	0	0	0	0	0	---	---	29
30	---		0.180B	0.312	0	0	0	0	0	0	---	---	30
31	---		0.250B		0.086A		0	0		0		---	31
TOTAL	---	---	0.795	12.666	3.763	0.428	0	0	0	0	---	---	TOTAL
MEAN	---	---	0.026	0.422	0.121	0.014	0	0	0	0	---	---	MEAN
MAX	---	---	0.250	0.650	0.440	0.122	0	0	0	0	---	---	MAX
MIN	---	---	0	0.238	0	0	0	0	0	0	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.072
MAXIMUM DAILY, 0.650B ON APR 5
MINIMUM DAILY, 0B ON MAR 1

SUMMARY FOR THE MONTHS MAR TO OCT

INTERNATIONAL GAUGING STATION
TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 26 05 N
LONG 109 50 07 W

A - MANUAL GAUGE
B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	0
FEB	---	AUG	0
MAR	68.7	SEP	0
APR	1 090	OCT	0
MAY	325	NOV	---
JUN	37.0	DEC	---

TOTAL DISCHARGE, 1 520 dam³

GAINSBOROUGH CREEK NEAR STORTHOAKS - STATION NO. 05NF013

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	---	---	0B	0	0	0	0	0	0	0	---	---
2	---	---	0B	0	0	0	0	0	0	0	---	---
3	---	---	0B	0	0	0	0	0	0	0	---	---
4	---	---	0B	0	0	0	0	0	0	0	---	---
5	---	---	0B	0	0	0	0	0	0	0	---	---
6	---	---	0B	0	0	0	0	0	0	0	---	---
7	---	---	0B	0	0	0	0	0	0	0	---	---
8	---	---	0B	0	0	0	0	0	0	0	---	---
9	---	---	0B	0	0	0	0	0	0	0	---	---
10	---	---	0B	0	0	0	0	0	0	0	---	---
11	---	---	0B	0	0	0	0	0	0	0	---	---
12	---	---	0B	0	0	0	0	0	0	0	---	---
13	---	---	0B	0	0	0	0	0	0	0	---	---
14	---	---	0B	0	0	0	0	0	0	0	---	---
15	---	---	0B	0	0	0	0	0	0	0	---	---
16	---	---	0B	0	0	0	0	0	0	0	---	---
17	---	---	0B	0	0	0	0	0	0	0	---	---
18	---	---	0B	0	0	0	0	0	0	0	---	---
19	---	---	0B	0	0	0	0	0	0	0	---	---
20	---	---	0B	0	0	0	0	0	0	0	---	---
21	---	---	0B	0	0	0	0	0	0	0	---	---
22	---	---	0B	0	0	0	0	0	0	0	---	---
23	---	---	0B	0	0	0	0	0	0	0	---	---
24	---	---	0B	0	0	0	0	0	0	0	---	---
25	---	---	0B	0	0	0	0	0	0	0	---	---
26	---	---	0B	0	0	0	0	0	0	0	---	---
27	---	---	0B	0	0	0	0	0	0	0	---	---
28	---	---	0B	0	0	0	0	0	0	0	---	---
29	---	---	0B	0	0	0	0	0	0	0	---	---
30	---		0B	0	0	0	0	0	0	0	---	---
31	---		0B		0		0	0		0		---
TOTAL	---	---	0	0	0	0	0	0	0	0	---	---
MEAN	---	---	0	0	0	0	0	0	0	0	---	---
MAX	---	---	0	0	0	0	0	0	0	0	---	---
MIN	---	---	0	0	0	0	0	0	0	0	---	---

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0
MAXIMUM DAILY, 0B ON MAR 1
MINIMUM DAILY, 0B ON MAR 1
MAXIMUM INSTANTANEOUS,
0B AT 00:00 CST ON MAR 1

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 24 51 N
LONG 101 31 36 W
DRAINAGE AREA, 712 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	0
FEB	---	AUG	0
MAR	0	SEP	0
APR	0	OCT	0
MAY	0	NOV	---
JUN	0	DEC	---

TOTAL DISCHARGE, 0 dam³

GAP CREEK BELOW DOWNIE LAKE DIVERSION - STATION NO. 05HA050

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	---	0 B	0.001B	0.007	0.006	0	0	0	0	0	---	---
2	---	0 B	0.001B	0.006	0.006	0	0	0	0	0	---	---
3	---	0 B	0.001B	0.006	0.005	0	0	0	0	0	---	---
4	---	0 B	0.001B	0.004	0.004	0	0	0	0	0	---	---
5	---	0 B	0.003B	0.004	0.003	0	0	0	0	0	---	---
6	---	0 B	0.002B	0.003	0.008	0	0	0	0	0	---	---
7	---	0 B	0.002B	0.004	0.007	0	0	0	0	0	---	---
8	---	0 B	0.003B	0.003	0.010	0	0	0	0	0	---	---
9	---	0 B	0.010B	0.002	0.008	0	0	0	0	0	---	---
10	---	0 B	0.010B	0.002	0.005	0	0	0	0	0	---	---
11	---	0 B	0.006B	0.002	0.004	0	0	0	0	0	---	---
12	---	0 B	0.005B	0.003	0.002	0	0	0	0	0	---	---
13	---	0 B	0.002B	0.002	0.002	0	0	0	0	0	---	---
14	---	0.010B	0.002B	0.002	0.001	0	0	0	0	0	---	---
15	---	0.020B	0.003B	0.002	0.001	0	0	0	0	0	---	---
16	---	0.023B	0.002B	0.002	0.001	0	0	0	0	0	---	---
17	---	0.026B	0.004B	0.002	0.001	0	0	0	0	0	---	---
18	---	0.033B	0.006B	0.002	0	0	0	0	0	0	---	---
19	---	0.030B	0.005B	0.002	0	0	0	0	0	0	---	---
20	---	0.026B	0.011B	0.002	0	0	0	0	0	0	---	---
21	---	0.037B	0.010B	0.002	0	0	0	0	0	0	---	---
22	---	0.050B	0.006B	0.002	0	0	0	0	0	0	---	---
23	---	0.055B	0.003B	0.002	0	0	0	0	0	0	---	---
24	---	0.057B	0.003B	0.002	0	0	0	0	0	0	---	---
25	---	0.050B	0.003B	0.036	0	0	0	0	0	0	---	---
26	---	0.068B	0.004B	0.033	0	0	0	0	0	0	---	---
27	---	0.060B	0.003B	0.015	0	0	0	0	0	0	---	---
28	---	0.007B	0.002B	0.014	0	0	0	0	0	0	---	---
29	---	0.003B	0.005B	0.010	0	0	0	0	0	0	---	---
30	---		0.006B	0.009	0	0	0	0	0	0	---	---
31	---		0.007B		0		0	0		0		---
TOTAL	---	0.569	0.139	0.192	0.076	0	0	0	0	0	---	---
MEAN	---	0.020	0.004	0.006	0.002	0	0	0	0	0	---	---
MAX	---	0.068	0.011	0.036	0.010	0	0	0	0	0	---	---
MIN	---	0	0.001	0.002	0	0	0	0	0	0	---	---

SUMMARY FOR THE MONTHS FEB TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.004
MAXIMUM DAILY, 0.068B ON FEB 26
MINIMUM DAILY, 0B ON FEB 1
MAXIMUM INSTANTANEOUS,
0.174 AT 17:25 CST ON APR 25

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 46 13 N
LONG 109 38 15 W
DRAINAGE AREA, 235 km²

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	0
FEB	49.2	AUG	0
MAR	12.0	SEP	0
APR	16.6	OCT	0
MAY	6.57	NOV	---
JUN	0	DEC	---

TOTAL DISCHARGE, 84.4 dam³

REMARKS - MOST OF THE RUNOFF OCCURRED IN FEBRUARY, OUTSIDE THE STANDARD PERIOD OF MARCH TO OCTOBER

GARDEN RIVER NEAR HENRIBOURG - STATION NO. 05GE010

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0 B	0.005B	0.384	0	0	0	0	0	---	---	1
2	---	---	0 B	0.010B	0.284	0	0	0	0	0	---	---	2
3	---	---	0 B	0.015B	0.223	0	0	0	0	0	---	---	3
4	---	---	0 B	0.013B	0.229	0	0	0	0	0	---	---	4
5	---	---	0 B	0.068B	0.203	0	0	0	0	0	---	---	5
6	---	---	0.001B	0.154B	0.270	0	0	0	0	0	---	---	6
7	---	---	0.002B	0.366B	0.584	0	0	0	0	0	---	---	7
8	---	---	0.002B	1.03 B	0.338	0	0	0	0	0	---	---	8
9	---	---	0.002B	1.14 B	0.288	0	0	0	0	0	---	---	9
10	---	---	0.002B	1.27 B	0.202	0	0	0	0	0	---	---	10
11	---	---	0.002B	2.27 B	0.170	0	0	0	0	0	---	---	11
12	---	---	0.002B	3.45 B	0.154	0	0	0	0	0	---	---	12
13	---	---	0.002B	8.38 B	0.088	0	0	0	0	0	---	---	13
14	---	---	0.002B	10.7	0.100	0	0	0	0	0	---	---	14
15	---	---	0.002B	11.8	0.286	0	0	0	0	0	---	---	15
16	---	---	0.002B	10.5	0.506	0	0	0	0	0	---	---	16
17	---	---	0.002B	8.58	0.487	0	0	0	0	0	---	---	17
18	---	---	0.002B	5.22	0.467	0	0	0	0	0	---	---	18
19	---	---	0.002B	3.75	0.425	0	0	0	0	0	---	---	19
20	---	---	0.002B	2.81	0.334	0	0	0	0	0	---	---	20
21	---	---	0.003B	2.40 A	0.242	0	0	0	0	0	---	---	21
22	---	---	0.003B	1.80 E	0.201	0	0	0	0	0	---	---	22
23	---	---	0.003B	1.55 E	0.088	0	0	0	0	0	---	---	23
24	---	---	0.003B	1.25 E	0.028	0	0	0	0	0	---	---	24
25	---	---	0.003B	1.06 E	0.008	0	0	0	0	0	---	---	25
26	---	---	0.002B	0.970E	0.028	0	0	0	0	0	---	---	26
27	---	---	0.003B	0.846A	0.029	0	0	0	0	0	---	---	27
28	---	---	0.003B	0.678	0.087	0	0	0	0	0	---	---	28
29	---	---	0.003B	0.561	0.051	0	0	0	0	0	---	---	29
30	---		0.002B	0.448	0.038	0	0	0	0	0	---	---	30
31	---		0.002B		0.008		0	0		0		---	31
TOTAL	---	---	0.058	82.231	6.848	0	0	0	0	0	---	---	TOTAL
MEAN	---	---	0.002	2.74	0.221	0	0	0	0	0	---	---	MEAN
MAX	---	---	0.003	11.8	0.584	0	0	0	0	0	---	---	MAX
MIN	---	---	0	0.005	0.008	0	0	0	0	0	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.364
MAXIMUM DAILY, 11.8 ON APR 15
MINIMUM DAILY, 0B ON MAR 1
MAXIMUM INSTANTANEOUS,
12.0 AT 05:59 CST ON APR 15

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 53 23 38 N
LONG 105 38 39 W
DRAINAGE AREA, 903 km^2
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	0
FEB	---	AUG	0
MAR	5.10	SEP	0
APR	7 100	OCT	0
MAY	592	NOV	---
JUN	0	DEC	---

TOTAL DISCHARGE, 7 700 dam^3

GEIKIE RIVER BELOW WHEELER RIVER - STATION NO. 06DA004

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	20.2	16.4B	17.9B	19.4B	35.2	57.6	60.5	53.4	49.2	49.3	44.1B	42.8B	1
2	20.3	16.6B	18.0B	19.5B	41.2	57.2	59.9	52.9	45.1	48.4	44.4B	43.2B	2
3	19.8	16.8B	18.2B	19.5B	52.6	58.4	59.1	52.7	44.7	48.4	44.0B	43.0B	3
4	19.5	17.0B	18.6B	19.6B	66.5	57.4	59.0	52.5	44.3	48.2	43.9B	42.6B	4
5	19.1	17.5B	18.7B	19.8B	75.9	57.2	59.0	51.8	44.2	47.7	43.9B	43.1B	5
6	18.9	17.7B	18.2B	19.8	84.5	57.8	58.7	50.6	43.6	46.9	44.3B	42.3B	6
7	18.6	17.9B	18.3B	20.0	89.6	61.1	59.9	49.9	42.6	46.2	45.4B	42.1B	7
8	18.1	18.1B	18.8B	20.4	93.4	63.6	61.1	49.5	44.6	46.2	45.4B	41.8B	8
9	17.7	18.1B	19.4B	20.5	94.4	65.5	61.2	48.6	46.2	46.1	45.3B	40.8B	9
10	17.5	18.1B	19.3B	20.3	94.0	66.7	62.2	49.0	47.7	45.5	45.0B	40.1B	10
11	17.4	18.2B	19.1B	20.3	92.1	64.3	62.5	49.5	48.6	44.7	44.6B	40.3B	11
12	17.0	18.2B	19.1B	20.2	89.4	63.5	61.9	50.3	50.4	44.3	43.9B	40.6	12
13	16.4	17.9B	18.8B	20.1	86.4	65.4	59.2	50.6	51.3	44.0	43.7B	40.4	13
14	16.2	17.7B	18.8B	20.2	82.3	66.3	58.6	50.6	52.1	43.9	43.7B	40.3	14
15	15.9	18.1B	18.9B	20.2	80.5	66.9	60.0	50.1	52.8	44.1	43.2B	40.0	15
16	15.8	18.2B	18.9B	20.8	79.1	67.4	60.9	49.1	52.6	44.2	43.9B	39.7	16
17	15.8	18.2B	19.0B	20.8	78.6	66.9	61.0	48.6	53.0	43.9	44.4B	39.3	17
18	15.5	17.9B	19.1B	21.1	75.8	66.6	61.5	48.1	53.1	43.8	44.7B	39.4	18
19	15.6	17.6B	19.3B	21.4	73.2	67.2	61.1	47.1	52.7	43.7	44.3B	39.6	19
20	15.5	17.7B	19.6B	21.8	71.3	66.4	61.0	46.0	52.8	42.7	44.1B	40.2	20
21	16.0	18.1B	20.1B	22.2	68.7	64.3	60.7	44.9	52.4	43.0	43.4B	40.2	21
22	15.8	17.7B	20.1B	22.5	67.4	63.3	59.8	46.7	52.0	44.5	43.4B	40.2	22
23	16.1	17.6B	19.8B	22.9	65.5	62.8	60.0	46.3	52.1	44.8	43.6B	40.2	23
24	16.5	18.1B	19.4B	23.0	64.3	63.5	58.4	46.7	52.0	44.6	43.2B	40.2	24
25	15.5	18.4B	19.4B	23.2	63.9	65.0	57.4	46.6	51.2	44.5	43.1B	40.2	25
26	15.7B	18.3B	19.3B	23.5	60.9	64.7	57.1	46.9	50.3	43.8	42.9B	40.2	26
27	16.8B	18.1B	19.4B	24.1	59.5	63.8	56.5	46.5	49.9	43.4	42.7B	40.1	27
28	16.5B	17.7B	19.2B	25.7	58.4	63.0	55.1	46.3	49.7	43.0	42.1B	40.0	28
29	16.4B	17.6B	19.5B	28.2	57.9	62.0	54.0	47.9	50.2	43.1	42.3B	39.8	29
30	16.4B		19.5B	30.6	58.8	61.1	53.9	46.7	49.6	43.6B	42.1B	39.6	30
31	16.5B		19.4B		57.2		54.0	45.9		44.1B		39.6	31
TOTAL	530.6	515.8	591.3	652.1	2 215.8	1 898.2	1 834.5	1 526.0	1 477.6	1 394.1	1 314.7	1 260.6	TOTAL
MEAN	17.1	17.8	19.1	21.7	71.5	63.3	59.2	49.2	49.3	45.0	43.8	40.7	MEAN
MAX	20.2	18.4	20.1	30.6	94.4	67.4	62.5	53.4	53.1	49.3	45.4	43.2	MAX
MIN	15.5	16.4	17.9	19.5	35.2	57.2	53.6	44.9	42.6	42.7	42.1	39.3	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 41.8
MAXIMUM DAILY, 94.4 ON MAY 9
MINIMUM DAILY, 15.5 ON JAN 18
MAXIMUM INSTANTANEOUS,
94.9 AT 21:03 CST ON MAY 9

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 57 35 20 N
LONG 104 12 10 W
DRAINAGE AREA, 7 730 km^2

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	45 800	JUL	159 000
FEB	44 600	AUG	132 000
MAR	51 100	SEP	128 000
APR	56 300	OCT	120 000
MAY	192 000	NOV	114 000
JUN	164 000	DEC	109 000

TOTAL DISCHARGE, 1 320 000 dam^3

GIBSON CREEK NEAR RADVILLE - STATION NO. 05NA005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0	0	0	0	0	0	0	0	---	---	1
2	---	---	0	0	0	0	0	0	0	0	---	---	2
3	---	---	0	0	0	0	0	0	0	0	---	---	3
4	---	---	0	0	0	0	0	0	0	0	---	---	4
5	---	---	0	0	0	0	0	0	0	0	---	---	5
6	---	---	0	0	0	0	0	0	0	0	---	---	6
7	---	---	0	0	0	0	0	0	0	0	---	---	7
8	---	---	0	0	0	0	0	0	0	0	---	---	8
9	---	---	0	0	0	0	0	0	0	0	---	---	9
10	---	---	0	0	0	0	0	0	0	0	---	---	10
11	---	---	0	0	0	0	0	0	0	0	---	---	11
12	---	---	0	0	0	0	0	0	0	0	---	---	12
13	---	---	0	0	0	0	0	0	0	0	---	---	13
14	---	---	0	0	0	0	0	0	0	0	---	---	14
15	---	---	0	0	0	0	0	0	0	0	---	---	15
16	---	---	0	0	0	0	0	0	0	0	---	---	16
17	---	---	0	0	0	0	0	0	0	0	---	---	17
18	---	---	0	0	0	0	0	0	0	0	---	---	18
19	---	---	0	0	0	0	0	0	0	0	---	---	19
20	---	---	0	0	0	0	0	0	0	0	---	---	20
21	---	---	0	0	0	0	0	0	0	0	---	---	21
22	---	---	0	0	0	0	0	0	0	0	---	---	22
23	---	---	0	0	0	0	0	0	0	0	---	---	23
24	---	---	0	0	0	0	0	0	0	0	---	---	24
25	---	---	0	0	0	0	0	0	0	0	---	---	25
26	---	---	0	0	0	0	0	0	0	0	---	---	26
27	---	---	0	0	0	0	0	0	0	0	---	---	27
28	---	---	0	0	0	0	0	0	0	0	---	---	28
29	---	---	0	0	0	0	0	0	0	0	---	---	29
30	---		0	0	0	0	0	0	0	0	---	---	30
31	---		0		0		0	0		0		---	31
TOTAL	---	---	0	0	0	0	0	0	0	0	---	---	TOTAL
MEAN	---	---	0	0	0	0	0	0	0	0	---	---	MEAN
MAX	---	---	0	0	0	0	0	0	0	0	---	---	MAX
MIN	---	---	0	0	0	0	0	0	0	0	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0
MAXIMUM DAILY, 0 ON MAR 1
MINIMUM DAILY, 0 ON MAR 1
MAXIMUM INSTANTANEOUS,
0 AT 00:00 CST ON MAR 1

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 20 02 N
LONG 104 20 11 W
DRAINAGE AREA, 528 km²

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	0
FEB	---	AUG	0
MAR	0	SEP	0
APR	0	OCT	0
MAY	0	NOV	---
JUN	0	DEC	---

TOTAL DISCHARGE, 0 dam³

GIRARD CREEK NEAR CORONACH - STATION NO. 11AE015

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.083B	0.098	0.102	0.080	0.065	0.052	0.088	0.077	0.088	---	1
2	---	---	0.083B	0.112	0.101	0.080	0.063	0.059	0.071	0.078	0.070A	---	2
3	---	---	0.084B	0.110	0.084	0.078	0.064	0.053	0.078	0.080	---	---	3
4	---	---	0.085B	0.113	0.083	0.061	0.072	0.050	0.078	0.085	---	---	4
5	---	---	0.115B	0.111	0.088	0.063	0.068	0.051	0.063	0.080	---	---	5
6	---	---	0.110	0.108	0.088	0.063	0.077	0.044	0.071	0.108	---	---	6
7	---	---	0.105	0.108	0.107	0.065	0.076	0.038	0.070	0.075	---	---	7
8	---	---	0.107	0.111	0.082	0.063	0.036	0.033	0.078	0.070	---	---	8
9	---	---	0.119	0.109	0.088	0.028	0.069	0.054	0.072	0.088	---	---	9
10	---	---	0.108	0.102	0.078	0.066	0.061	0.052	0.071	0.088	---	---	10
11	---	---	0.093	0.097	0.078	0.062	0.082	0.046	0.073	0.088	---	---	11
12	---	---	0.090	0.098	0.087	0.065	0.065	0.051	0.074	0.062	---	---	12
13	---	---	0.093	0.108	0.088	0.050	0.061	0.055	0.085	0.069	---	---	13
14	---	---	0.095	0.105	0.080	0.057	0.075	0.071	0.083	0.069	---	---	14
15	---	---	0.096	0.099	0.080	0.056	0.079	0.064	0.078	0.073	---	---	15
16	---	---	0.098	0.093	0.078	0.057	0.078	0.064	0.082	0.088	---	---	16
17	---	---	0.098	0.097	0.075	0.051	0.078	0.055	0.084	0.085	---	---	17
18	---	---	0.098	0.101	0.080	0.048	0.070	0.058	0.084	0.087	---	---	18
19	---	---	0.102	0.118	0.083	0.043	0.050	0.071	0.085	0.089	---	---	19
20	---	---	0.100	0.115	0.074	0.037	0.054	0.074	0.078	0.084	---	---	20
21	---	---	0.111	0.115	0.078	0.048	0.081	0.073	0.073	0.072	---	---	21
22	---	---	0.102	0.118	0.070	0.050	0.047	0.072	0.075	0.048	---	---	22
23	---	---	0.098	0.108	0.078	0.048	0.068	0.065	0.070	0.019	---	---	23
24	---	---	0.096	0.100	0.117	0.057	0.063	0.061	0.088	0.060	---	---	24
25	---	0.086B	0.087	0.103	0.088	0.058	0.058	0.058	0.081	0.064	---	---	25
26	---	0.087B	0.089	0.101	0.078	0.065	0.065	0.072	0.070	0.070	---	---	26
27	---	0.088B	0.093	0.101	0.080	0.052	0.067	0.073	0.067	0.063	---	---	27
28	---	0.085B	0.095	0.088	0.077	0.063	0.071	0.070	0.070	0.057	---	---	28
29	---	0.084B	0.087	0.083	0.075	0.062	0.065	0.068	0.071	0.058	---	---	29
30	---		0.088	0.088	0.075	0.070	0.067	0.068	0.078	0.061	---	---	30
31	---		0.106		0.078		0.058	0.070		0.062		---	31
TOTAL	---	---	3.016	3.142	2.588	1.883	2.028	1.837	2.283	2.084	---	---	TOTAL
MEAN	---	---	0.097	0.105	0.083	0.062	0.065	0.059	0.076	0.067	---	---	MEAN
MAX	---	---	0.119	0.118	0.117	0.083	0.081	0.074	0.088	0.108	---	---	MAX
MIN	---	---	0.083	0.083	0.068	0.028	0.036	0.033	0.063	0.019	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.077
MAXIMUM DAILY, 0.119 ON MAR 9
MINIMUM DAILY, 0.019 ON OCT 23
MAXIMUM INSTANTANEOUS,
0.556 AT 18:44 CST ON MAY 24

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 05 45 N
LONG 105 33 52 W
DRAINAGE AREA, 880 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	175
FEB	---	AUG	158
MAR	260	SEP	195
APR	271	OCT	180
MAY	223	NOV	---
JUN	161	DEC	---

TOTAL DISCHARGE, 1 620 dam³

GOOD SPIRIT LAKE NEAR CANORA - STATION NO. 05MB010

DAILY WATER LEVEL IN METRES FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	484.714	---	484.480	---	---	484.739	484.529	---	484.372	---	---	---	1
2	---	---	---	---	---	---	---	484.421	---	484.293	---	---	2
3	---	484.584	484.478	---	---	484.715	484.520	---	484.368	---	---	---	3
4	---	---	---	---	---	---	---	---	---	---	---	---	4
5	---	---	---	---	---	484.685	---	484.434	484.363	---	---	---	5
6	---	---	---	---	484.863	484.678	484.528	484.405	---	---	---	---	6
7	484.676	---	---	---	---	484.675	---	---	484.356	484.281	---	---	7
8	---	---	---	---	---	---	484.510	484.392	---	---	---	---	8
9	---	---	---	484.636	484.855	484.645	---	---	---	---	---	---	9
10	---	---	---	484.721	---	---	484.496	---	484.339	---	---	---	10
11	---	484.547	---	484.754	484.851	---	---	---	---	484.284	---	---	11
12	---	---	---	---	484.827	---	484.494	---	484.325	---	---	---	12
13	---	---	---	484.826	484.835	484.623	---	---	---	484.280	---	---	13
14	484.650	---	---	---	---	---	---	484.370	484.320	---	---	---	14
15	---	---	---	484.826	484.830	484.605	---	---	---	---	---	---	15
16	---	---	---	---	484.833	---	484.488	---	484.315	---	---	---	16
17	---	---	---	484.854	484.815	484.587	---	---	---	---	---	---	17
18	---	---	---	484.860	484.817	---	---	484.383	---	---	---	---	18
19	---	---	---	---	484.817	---	484.478	---	---	484.272	---	---	19
20	---	---	---	484.870	---	484.563	---	484.402	---	---	---	---	20
21	484.622	---	---	484.870	484.809	---	484.484	---	484.298	---	---	---	21
22	---	484.525	---	---	484.806	---	---	---	---	---	---	---	22
23	---	---	---	---	---	---	---	---	484.297	---	---	---	23
24	---	---	---	---	484.776	---	484.444	---	---	---	---	---	24
25	---	---	---	---	484.779	484.548	---	484.400	484.291	484.268	---	---	25
26	---	---	---	---	---	---	484.435	---	---	---	---	---	26
27	---	---	---	---	484.768	484.533	---	---	---	---	---	---	27
28	484.608	---	---	484.862	---	---	---	484.391	---	---	---	---	28
29	---	---	---	484.860	484.765	---	---	484.381	484.300	---	---	---	29
30	---		---	484.858	---	484.521	484.417	484.376	---	---	---	---	30
31	---		---		484.738		---	---		---		---	31
MEAN	---	---	---	---	---	---	---	---	---	---	---	---	MEAN
MAX	---	---	---	---	---	---	---	---	---	---	---	---	MAX
MIN	---	---	---	---	---	---	---	---	---	---	---	---	MIN

WATER LEVELS IN METRES

MAXIMUM DAILY, 484.870 ON APR 20

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - MANUAL
LOCATION - LAT 51 30 06 N
LONG 102 39 32 W
DATA CONTRIBUTED BY -
SASKATCHEWAN WATER CORPORATION

REGULATED SINCE 1967

GOOSEHUNTING CREEK NEAR BEATTY - STATION NO. 05KA008

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0B	0 B	0.544	0.003	0	0	0	0	---	---	1
2	---	---	0B	0 B	0.380	0	0	0	0	0	---	---	2
3	---	---	0B	0 B	0.282	0	0	0	0	0	---	---	3
4	---	---	0B	0 B	0.229	0	0	0	0	0	---	---	4
5	---	---	0B	0 B	0.187	0	0	0	0	0	---	---	5
6	---	---	0B	0 B	0.126	0	0	0	0	0	---	---	6
7	---	---	0B	0.055B	0.103	0	0	0	0	0	---	---	7
8	---	---	0B	1.51 B	0.081	0	0	0	0	0	---	---	8
9	---	---	0B	31.6 B	0.064	0	0	0	0	0	---	---	9
10	---	---	0B	31.9	0.060	0	0	0	0	0	---	---	10
11	---	---	0B	37.5	0.055	0	0	0	0	0	---	---	11
12	---	---	0B	28.0	0.053	0	0	0	0	0	---	---	12
13	---	---	0B	22.3	0.051	0	0	0	0	0	---	---	13
14	---	---	0B	25.0	0.048	0	0	0	0	0	---	---	14
15	---	---	0B	17.5	0.048	0	0	0	0	0	---	---	15
16	---	---	0B	10.7	0.045	0	0	0	0	0	---	---	16
17	---	---	0B	8.37	0.039	0	0	0	0	0	---	---	17
18	---	---	0B	5.15	0.030	0	0	0	0	0	---	---	18
19	---	---	0B	4.51	0.024	0	0	0	0	0	---	---	19
20	---	---	0B	3.88	0.021	0	0	0	0	0	---	---	20
21	---	---	0B	3.48	0.018	0	0	0	0	0	---	---	21
22	---	---	0B	3.00	0.017	0	0	0	0	0	---	---	22
23	---	---	0B	2.58	0.015	0	0	0	0	0	---	---	23
24	---	---	0B	2.81	0.014	0	0	0	0	0	---	---	24
25	---	---	0B	2.71	0.015	0	0	0	0	0	---	---	25
26	---	---	0B	2.01	0.018	0	0	0	0	0	---	---	26
27	---	---	0B	1.40	0.015	0	0	0	0	0	---	---	27
28	---	---	0B	0.959	0.015	0	0	0	0	0	---	---	28
29	---	0B	0B	0.785	0.014	0	0	0	0	0	---	---	29
30	---		0B	0.570	0.010	0	0	0	0	0	---	---	30
31	---		0B		0.008		0	0		0		---	31
TOTAL	---	---	0	246.989	2.632	0.003	0	0	0	0	---	---	TOTAL
MEAN	---	---	0	8.23	0.085	0	0	0	0	0	---	---	MEAN
MAX	---	---	0	37.5	0.544	0.003	0	0	0	0	---	---	MAX
MIN	---	---	0	0	0.008	0	0	0	0	0	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.02
MAXIMUM DAILY, 37.5 ON APR 11
MINIMUM DAILY, 0B ON MAR 1
MAXIMUM INSTANTANEOUS,
42.1 AT 15:33 CST ON APR 9

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 52 54 26 N
LONG 104 50 16 W
DRAINAGE AREA, 610 km²

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	0
FEB	---	AUG	0
MAR	0	SEP	0
APR	21 300	OCT	0
MAY	227	NOV	---
JUN	0.26	DEC	---

TOTAL DISCHARGE, 21 500 dam³

GREASE RIVER BELOW FONTAINE LAKE - STATION NO. 07LE003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	18.1	17.8B	16.5B	15.0	14.3	25.6	38.6	48.2	37.8	36.3	32.7	37.6	1
2	18.3	17.8B	16.4B	14.9	14.2	26.5	39.4	47.9	37.3	36.1	32.9	37.7	2
3	18.3	17.8B	16.4B	14.9	14.2	27.6	39.6	48.2	36.9	35.6	32.8	37.4	3
4	18.3B	17.8B	16.3B	14.9	14.3	28.3	39.8	47.7	36.3	35.3	32.2	37.5	4
5	18.3B	17.8B	16.3B	14.8	14.3	29.2	38.8	47.8	35.7	35.1	32.4	37.7	5
6	18.3B	17.4B	16.2B	14.9	14.4	30.0	38.7	48.0	35.5	35.4	32.7	37.8	6
7	18.4	17.4B	16.2B	14.9	14.7	30.7	40.9	48.3	36.3	35.7	33.6	37.5	7
8	18.3	17.3B	16.1B	14.9	15.1	31.6	43.7	48.2	37.3	35.8	34.6	37.2	8
9	18.2	17.3B	16.1B	15.0	15.4	32.3	44.5	48.0	37.6	35.8	34.7	36.9	9
10	18.1B	17.2B	16.0B	14.9	15.4	33.4	44.7	46.5	37.6	35.6	35.0	36.8	10
11	18.1B	17.2B	16.0B	14.9	15.4	33.9	45.0	44.7	37.3	35.1	34.9	37.0	11
12	18.0B	17.1B	16.0B	14.9	15.4	34.5	45.4	44.1	37.3	35.2	34.8	37.1	12
13	18.0B	17.1B	15.9B	14.9	15.6	35.3	45.4	43.9	37.1	35.3	34.9	36.7	13
14	18.0B	17.0B	15.9B	14.9	15.7	36.1	45.1	43.9	36.8	35.4	35.1	36.5	14
15	17.9B	17.0B	15.8B	14.9	15.7	36.6	45.3	43.6	36.6	35.6	35.1	36.4	15
16	17.9B	16.9B	15.8B	14.9	15.9	36.9	45.5	42.6	37.0	35.2	35.4	36.6	16
17	17.9B	16.9B	15.7B	14.8	16.1	37.2	46.3	42.3	36.8	34.8	35.6	36.5	17
18	17.9B	16.8B	15.7B	14.7	16.3	37.7	47.1	41.7	36.5	34.8	35.7	36.6	18
19	17.9B	16.8B	15.6B	14.7	16.7	37.8	47.3	41.2	36.2	34.8	35.4	36.7	19
20	17.8B	16.8B	15.6B	14.6	17.2	37.7	47.1	40.7	36.1	34.6	35.7	36.5	20
21	17.8B	16.8B	15.5B	14.5	18.2	38.0	47.0	40.4	35.8	34.2	35.8	36.6	21
22	17.8B	16.7B	15.5B	14.4	19.3	37.8	47.0	40.9	35.9	34.5	36.2	36.5	22
23	17.8B	16.7B	15.5B	14.4	19.8	37.8	46.6	41.2	35.9	34.3	36.4	36.5	23
24	17.8B	16.7B	15.5	14.4	20.0	38.0	46.6	41.0	35.6	34.0	37.1	36.4	24
25	17.7B	16.6B	15.4	14.3	20.6	38.3	46.3	40.7	36.0	33.7	37.6	36.1	25
26	17.7B	16.6B	15.4	14.3	21.0	38.4	46.4	40.6	35.6	33.7	37.6	36.1	26
27	17.7B	16.6B	15.3	14.3	21.7	38.4	46.6	40.0	35.6	33.5	37.4	36.0	27
28	17.7B	16.5B	15.2	14.4	22.3	38.4	47.6	39.0	35.4	33.0	37.5	36.1	28
29	17.7B	16.5B	15.2	14.4	22.8	38.4	48.3	38.6	35.5	32.7	37.6	36.7	29
30	17.6B		15.1	14.3	23.5	38.3	47.6	38.1	35.2	32.6	37.3	36.5	30
31	17.6B		15.0		24.5		48.2	37.6		32.8		36.6	31
TOTAL	556.0	483.7	486.2	441.2	538.9	1 040.4	1 380.2	1 337.4	1 083.2	1 076.4	1 066.8	1 141.4	TOTAL
MEAN	18.0	17.0	15.6	14.7	17.4	34.7	44.6	43.1	36.4	34.7	35.3	36.8	MEAN
MAX	18.4	17.8	16.5	15.0	24.5	38.4	48.3	48.2	37.8	36.3	37.6	37.8	MAX
MIN	17.6	16.5	15.0	14.3	14.2	25.6	38.6	37.6	35.4	32.6	32.2	36.0	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 29.1
MAXIMUM DAILY, 48.3 ON JUL 29
MINIMUM DAILY, 14.2 ON MAY 2
MAXIMUM INSTANTANEOUS,
48.5 AT 10:15 CST ON JUL 29

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 58 32 50 N
LONG 106 24 40 W
DRAINAGE AREA, 4 840 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	48 100	JUL	120 000
FEB	42 700	AUG	116 000
MAR	42 300	SEP	94 500
APR	38 100	OCT	93 000
MAY	46 600	NOV	91 300
JUN	89 900	DEC	98 600

TOTAL DISCHARGE, 921 000 dam³

GREENWATER LAKE NEAR CHELAN - STATION NO. 05LB011

DAILY WATER LEVEL IN METRES FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	---	533.024	532.885	532.797	---	---	532.881	---	1
2	---	---	---	---	---	533.017	532.876	532.804	---	---	---	---	2
3	---	---	---	---	---	---	---	---	---	---	---	---	3
4	---	---	---	---	---	533.000	---	---	---	---	---	---	4
5	---	---	---	---	---	---	---	532.799	---	---	---	---	5
6	---	---	---	---	---	532.983	---	---	---	---	---	---	6
7	---	---	---	---	---	---	532.881	532.790	---	---	---	---	7
8	---	---	---	---	---	532.980	---	---	---	---	---	---	8
9	---	---	---	---	---	---	---	---	---	---	---	---	9
10	---	---	---	---	---	532.972	532.850	532.786	---	---	---	---	10
11	---	---	---	---	---	---	---	---	---	---	---	---	11
12	---	---	---	---	533.012	532.970	---	---	---	---	---	---	12
13	---	---	---	---	---	---	532.846	532.786	---	---	---	---	13
14	---	---	---	---	---	532.971	---	---	---	---	---	---	14
15	---	---	---	---	---	532.963	---	---	---	---	---	---	15
16	---	---	---	---	---	532.941	532.836	532.786	---	---	---	---	16
17	---	---	---	---	533.031	---	---	---	---	---	---	---	17
18	---	---	---	---	533.031	---	---	---	---	---	---	---	18
19	---	---	---	---	533.026	532.936	---	---	---	---	---	---	19
20	---	---	---	---	533.024	---	532.827	532.783	---	---	---	---	20
21	---	---	---	---	533.028	532.931	532.824	---	---	---	---	---	21
22	---	---	---	---	533.024	---	---	---	---	---	---	---	22
23	---	---	---	---	---	532.930	532.820	---	---	---	---	---	23
24	---	---	---	---	---	---	---	---	---	---	---	---	24
25	---	---	---	---	---	532.916	---	532.776	---	---	---	---	25
26	---	---	---	---	---	---	532.831	---	---	---	---	---	26
27	---	---	---	---	533.026	532.912	---	---	---	---	---	---	27
28	---	---	---	---	---	---	532.820	---	---	---	---	---	28
29	---	---	---	---	533.023	532.883	532.811	---	---	---	---	---	29
30	---		---	---	---	532.885	---	532.767	---	---	---	---	30
31	---		---		533.022		532.797	---		---		---	31
MEAN	---	---	---	---	---	---	---	---	---	---	---	---	MEAN
MAX	---	---	---	---	---	---	---	---	---	---	---	---	MAX
MIN	---	---	---	---	---	---	---	---	---	---	---	---	MIN

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - MANUAL
LOCATION - LAT 52 29 44 N
LONG 103 31 20 W
DATA CONTRIBUTED BY -
SASKATCHEWAN WATER CORPORATION

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

GREIG LAKE NEAR DORINTOSH - STATION NO. 06AF010

DAILY WATER LEVEL IN METRES FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	---	475.988	---	476.060	---	---	476.012	---	1
2	---	---	---	---	---	475.971	475.968	476.054	---	---	---	---	2
3	---	---	---	---	---	475.968	---	---	---	---	476.020	---	3
4	---	---	---	---	---	475.987	475.970	476.048	---	476.042	---	---	4
5	---	---	---	---	---	---	---	476.048	---	476.042	---	---	5
6	---	---	---	---	---	---	---	---	---	---	---	---	6
7	---	---	---	---	---	---	---	---	---	476.041	---	---	7
8	---	---	---	---	---	475.987	---	---	---	---	---	---	8
9	---	---	---	---	---	---	---	---	---	---	---	---	9
10	---	---	---	---	---	475.980	476.060	---	---	---	---	---	10
11	---	---	---	---	475.900	---	476.080	476.068	---	476.036	---	---	11
12	---	---	---	---	---	---	476.080	476.070	---	---	---	---	12
13	---	---	---	---	---	---	---	476.070	---	---	---	---	13
14	---	---	---	---	---	---	476.066	---	---	476.035	---	---	14
15	---	---	---	---	---	475.965	---	476.068	---	---	---	---	15
16	---	---	---	---	---	475.981	---	476.060	---	---	---	---	16
17	---	---	---	---	---	475.983	---	476.060	---	476.033	---	---	17
18	---	---	---	---	---	---	---	476.058	---	476.028	---	---	18
19	---	---	---	---	475.931	---	---	476.084	---	---	---	---	19
20	---	---	---	---	475.931	---	476.068	476.082	---	---	---	---	20
21	---	---	---	---	475.933	---	476.084	---	---	---	---	---	21
22	---	---	---	---	475.921	475.965	476.084	---	---	---	---	---	22
23	---	---	---	---	475.931	475.959	---	---	---	---	---	---	23
24	---	---	---	---	---	---	476.060	---	---	476.018	---	---	24
25	---	---	---	---	475.923	475.945	---	476.144	---	---	---	---	25
26	---	---	---	---	475.923	475.929	476.110	---	---	---	---	---	26
27	---	---	---	---	475.923	---	476.098	476.140	---	---	---	---	27
28	---	---	---	---	475.923	475.937	---	476.134	---	---	---	---	28
29	---	---	---	---	475.921	475.946	476.082	476.128	---	---	---	---	29
30	---		---	---	475.921	475.984	---	---	---	---	---	---	30
31	---		---		475.966		---	---		476.012		---	31
MEAN	---	---	---	---	---	---	---	---	---	---	---	---	MEAN
MAX	---	---	---	---	---	---	---	---	---	---	---	---	MAX
MIN	---	---	---	---	---	---	---	---	---	---	---	---	MIN

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - MANUAL
LOCATION - LAT 54 27 10 N
LONG 108 41 36 W
DATA CONTRIBUTED BY -
SASKATCHEWAN WATER CORPORATION

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

HARRIS RESERVOIR NEAR MAPLE CREEK - STATION NO. 05HA074

DAILY WATER LEVEL IN METRES FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	854.306E	854.315	854.554	854.502	852.386	852.155	851.948	851.816E	851.882	---	---	1
2	---	854.306E	854.312	854.581	854.484	852.376	852.159	851.938	851.812E	851.860	---	---	2
3	---	854.306E	854.324	854.579	854.409	852.371A	852.164	851.939	851.808E	851.857	---	---	3
4	---	854.306E	854.326	854.588	854.345	852.388E	852.149	851.934	851.798E	851.887	---	---	4
5	---	854.306E	854.331	854.601	854.276	852.388E	852.176	851.928	851.792E	851.867	---	---	5
6	---	854.306E	854.332	854.612	854.222	852.383E	852.185	851.918	851.782E	851.863	---	---	6
7	---	854.306E	854.329	854.611	854.154	852.380A	852.173	851.903	851.775E	851.863	---	---	7
8	---	854.306E	854.333	854.608	854.095	852.350	852.170	851.904	851.765E	851.855	---	---	8
9	---	854.306E	854.340	854.604	854.033	852.340	852.168	851.893	851.759E	851.851	---	---	9
10	---	854.306E	854.348	854.604	853.960	852.333	852.161	851.887	851.752E	851.852	---	---	10
11	---	854.308A	854.357	854.603	853.909	852.318	852.164	851.881	851.746E	851.853	---	---	11
12	---	854.308	854.363	854.602	853.834	852.312	852.146	851.876	851.750E	851.848	---	---	12
13	---	854.314	854.367	854.605	853.717	852.312	852.131	851.879	851.751A	851.845	---	---	13
14	---	854.316	854.371	854.600	853.601	852.310	852.130	851.861	851.749	851.840	---	---	14
15	---	854.317	854.370	854.589	853.464	852.308A	852.126	851.863	851.753	851.830	---	---	15
16	---	854.318	854.370	854.580	853.369	852.301E	852.118	851.868	851.744	851.828	---	---	16
17	---	854.315	854.369	854.573	853.248	852.295E	852.115	851.861	851.739	851.824	---	---	17
18	---	854.313	854.372	854.572	853.123	852.286E	852.122	851.862	851.741	851.823	---	---	18
19	---	854.309	854.373	854.568	853.012	852.277E	852.114	851.867	851.749	851.823	---	---	19
20	---	854.314	854.390	854.563	852.895	852.268E	852.115	851.863	851.737	851.815	---	---	20
21	---	854.315	854.447	854.556	852.782	852.257A	852.110	851.864	851.736	851.824	---	---	21
22	---	854.305	854.484	854.552	852.650	852.249	852.088	851.851	851.731	851.802	---	---	22
23	---	854.305	854.511	854.547	852.544	852.251	852.086	851.851	851.729	851.808	---	---	23
24	---	854.307	854.521	854.538	852.482	852.239	852.080	851.848	851.728	851.805	---	---	24
25	---	854.311	854.530	854.535	852.448	852.241	852.070	851.842	851.727	851.813	---	---	25
26	---	854.314	854.542	854.533	852.445	852.205	852.068	851.835	851.718	851.896	---	---	26
27	---	854.316	854.534	854.536	852.428	852.182	852.058	851.826	851.732	851.587A	---	---	27
28	---	854.317	854.526	854.541	852.421	852.179	852.033	851.828	851.713	851.587E	---	---	28
29	---	854.319	854.537	854.530	852.409	852.173	851.985	851.828A	851.711	851.587E	---	---	29
30	---		854.543	854.523	852.416	852.166	851.971	851.822E	851.701	851.587E	---	---	30
31	---		854.549		852.386		851.959	851.820E		851.587E		---	31
MEAN	---	854.310	854.410	854.572	853.369	852.291	852.111	851.874	851.761	851.833	---	---	MEAN
MAX	---	854.319	854.549	854.612	854.502	852.386	852.188	851.948	851.816	851.887	---	---	MAX
MIN	---	854.305	854.312	854.523	852.386	852.166	851.959	851.820	851.701	851.587	---	---	MIN

WATER LEVELS IN METRES

SUMMARY FOR THE YEAR 1988

MAXIMUM DAILY, 854.612 ON APR 6

MAXIMUM INSTANTANEOUS,
854.617 AT 16:48 CST ON APR 6

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 49 03 N
LONG 109 30 28 W

A - MANUAL GAUGE

E - ESTIMATED

REGULATED

DRAINAGE AREA,
14.3 km^2

WATER LEVELS ARE REFERRED TO PRAIRIE FARM REHABILITATION ADMINISTRATION DATUM

HAULTAIN RIVER ABOVE NORBERT RIVER - STATION NO. 06BD001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	4.920	4.180	6.480	6.610	39.0	28.1	22.2	22.9	16.8	18.0	13.20	13.2 B	1
2	4.780	4.020	6.480	6.880	38.9	27.1	21.7	22.5	17.0	17.5	13.10	13.4 B	2
3	4.800	4.040	6.530	7.120	38.1	27.9	21.2	22.1	16.9	17.3	13.10	13.4 B	3
4	4.900	4.020	6.310	7.270	37.4	28.6	21.5	21.6	16.4	17.0	13.10	13.6 B	4
5	4.920	4.000	6.330	7.370	37.0	29.3A	21.1	21.1	16.1	16.8	13.10	13.7 B	5
6	4.920	4.040	6.360	7.340	37.1	29.9E	21.0	20.0	15.9	16.7	13.10	13.7 B	6
7	4.780	3.900	6.320	7.410	37.6	30.5A	21.5	19.8	15.6	16.5	13.10	13.6 B	7
8	4.580	4.040	6.270	7.110	37.7	30.9	22.5	19.4	16.4	16.4	13.10	13.5 B	8
9	4.540	4.080	6.320	7.700	38.0	31.1	23.2	18.9	17.9	16.2	13.20	13.3 B	9
10	4.490	4.080	6.410	8.140	38.1	30.8	23.4	18.9	18.7	16.1	13.00	13.2 B	10
11	4.560	4.440	6.480	8.370	37.7	30.2	23.2	18.8	19.0	15.8	12.70	12.9 B	11
12	4.520	5.100	6.900	8.610	37.5	29.5	22.9	18.7	19.2	15.7	13.10	12.8 B	12
13	4.550	5.200	6.670	9.580	36.8	29.6	22.8	18.4	19.4	15.7	13.00	12.2 B	13
14	4.610	5.310	6.800	10.1 B	36.1	29.8	23.2	17.9	19.2	15.7	12.80	11.8 B	14
15	4.670	5.190	6.900	9.610	34.6	29.5	24.3	17.5	19.3	15.7	12.70	11.4 B	15
16	4.510	5.190	6.480	9.670	33.9	29.0	24.4	17.0	19.3	15.6	12.70	11.2 B	16
17	4.410	5.340	6.490	9.610	32.2	28.5	24.9	16.5	19.2	15.6	12.80	10.9 B	17
18	4.400	5.310	6.710	9.600	32.3	28.0	25.3	16.1	19.0	15.5	13.00	10.7 B	18
19	4.500	5.210	6.800	9.620	31.2	27.4	25.4	15.9	18.9	15.4	13.20	10.6 B	19
20	4.500	5.280	6.930	9.760	30.3	25.8	25.1	15.7	18.6	15.4	13.10	10.5 B	20
21	4.300	5.410	6.580	9.700	29.4	26.0	24.8	15.7	18.8	15.5	13.10	10.4 B	21
22	4.330	5.510	6.920	9.860	28.5	25.1	24.6	17.1	18.7	15.6	13.10	10.3 B	22
23	4.550	5.350	6.900	10.6 B	27.4	24.6	24.7	18.2	18.7	15.5	13.10	10.3 B	23
24	4.550	5.170	6.830	11.0 B	26.3	24.9	24.7	18.3	18.6	15.5	13.10	10.2 B	24
25	4.410	5.210	6.870	11.2 B	25.6	25.0	24.3	18.1	18.3	14.80	13.10	10.1 B	25
26	4.100	5.170	6.880	12.5 B	24.8A	24.5	23.8	18.3	18.2	14.40	13.10	10.1 B	26
27	4.400	5.030	6.710	15.0 B	23.8	24.0	23.3	18.3	18.0	13.30	12.80	10.0 B	27
28	4.510	5.410	6.400	18.8 B	23.7	23.4	22.6	17.9	18.0	12.30	12.80	9.950	28
29	4.320	5.470	6.800	26.7 B	23.8	23.0	22.1	17.8	18.1	13.00	12.70	9.900	29
30	4.100		6.610	34.9 B	23.4	22.9	21.7	17.1	18.1	13.10	13.00	9.850	30
31	4.180		6.890		24.4		22.3	16.7		13.20		9.800	31
TOTAL	140.24	142.46	204.66	327.73	1 003.6	822.7	719.6	573.5	542.8	480.6	389.7	360.30	TOTAL
MEAN	4.52	4.91	6.60	10.9	32.4	27.5	23.2	18.5	18.1	15.5	13.0	11.6	MEAN
MAX	4.93	5.47	6.93	34.9	39.0	31.1	25.4	22.9	19.4	18.0	13.2	13.7	MAX
MIN	4.10	3.90	6.27	6.61	23.4	22.9	21.0	15.7	15.6	12.3	12.5	9.80	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 15.6
MAXIMUM DAILY, 39.0 ON MAY 1
MINIMUM DAILY, 3.900 ON FEB 7
MAXIMUM INSTANTANEOUS,
41.2 AT 21:20 CST ON MAY 1

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 56 14 40 N
LONG 106 33 40 W
DRAINAGE AREA, 3 680 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	12 100	JUL	62 200
FEB	12 300	AUG	49 600
MAR	17 700	SEP	46 900
APR	28 300	OCT	41 500
MAY	86 700	NOV	33 700
JUN	71 200	DEC	31 100

TOTAL DISCHARGE, 493 000 dam³

HAY MEADOW CREEK NEAR LISIEUX - STATION NO. 11AE010

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.1480	0.083	0.064	0.019	0.026	0.003	0.006	0.017	0.018	---	1
2	---	---	0.0740	0.089	0.063	0.017	0.019	0.006	0.006	0.018	0.018A	---	2
3	---	---	0.0480	0.081	0.064	0.014	0.016	0.006	0.005	0.020	---	---	3
4	---	---	0.0450	0.084	0.064	0.012	0.020	0.006	0.006	0.020	---	---	4
5	---	---	0.0360	0.076	0.064	0.010	0.024	0.005	0.006	0.020	---	---	5
6	---	---	0.0360	0.061	0.068	0.011	0.027	0.003	0.007	0.019	---	---	6
7	---	---	0.0480	0.061	0.171	0.010	0.022	0.003	0.006	0.017	---	---	7
8	---	---	0.0640	0.077	0.265	0.011	0.017	0.005	0.006	0.017	---	---	8
9	---	---	0.0440	0.074	0.300	0.011	0.014	0.006	0.006	0.018	---	---	9
10	---	---	0.0800	0.069	0.216	0.011	0.013	0.004	0.006	0.018	---	---	10
11	---	---	0.0850	0.051	0.143	0.009	0.012	0.005	0.006	0.020	---	---	11
12	---	---	0.1150	0.052	0.106	0.011	0.013	0.006	0.006	0.017	---	---	12
13	---	---	0.0850	0.045	0.083	0.028	0.010	0.006	0.006	0.018	---	---	13
14	---	---	0.1050	0.042	0.074	0.050	0.008	0.011	0.006	0.018	---	---	14
15	---	---	0.1100	0.037	0.067	0.042	0.008	0.011	0.006	0.017	---	---	15
16	---	---	0.1100	0.028	0.067	0.031	0.007	0.010	0.006	0.018	---	---	16
17	---	---	0.1320	0.026	0.062	0.022	0.007	0.011	0.006	0.022	---	---	17
18	---	---	0.1140	0.025	0.050	0.016	0.016	0.014	0.006	0.021	---	---	18
19	---	---	0.1550	0.035	0.048	0.014	0.016	0.020	0.006	0.018	---	---	19
20	---	---	0.2060	0.035	0.046	0.015	0.014	0.020	0.010	0.018	---	---	20
21	---	---	0.2230	0.035	0.045	0.012	0.011	0.023	0.011	0.018	---	---	21
22	---	---	0.0970	0.034	0.042	0.013	0.006	0.021	0.011	0.018	---	---	22
23	---	---	0.1700	0.035	0.040	0.011	0.004	0.017	0.011	0.017	---	---	23
24	---	0.0210	0.1770	0.040	0.029	0.009	0.006	0.016	0.012	0.018	---	---	24
25	---	0.0200	0.1660	0.045	0.028	0.008	0.004	0.016	0.012	0.018	---	---	25
26	---	0.0640	0.1000	0.041	0.030	0.009	0.004	0.011	0.012	0.019	---	---	26
27	---	0.0700	0.0600	0.040	0.037	0.008	0.004	0.010	0.014	0.018	---	---	27
28	---	0.0540	0.0600	0.044	0.033	0.008	0.004	0.009	0.016	0.018	---	---	28
29	---	0.1150	0.0550	0.045	0.027	0.017	0.003	0.009	0.016	0.017	---	---	29
30	---		0.065	0.046	0.023	0.022	0.004	0.009	0.017	0.018	---	---	30
31	---		0.066		0.021		0.002	0.008		0.020		---	31
TOTAL	---	---	3.102	1.597	2.363	0.500	0.360	0.313	0.288	0.568	---	---	TOTAL
MEAN	---	---	0.100	0.053	0.076	0.017	0.012	0.010	0.010	0.018	---	---	MEAN
MAX	---	---	0.223	0.089	0.300	0.050	0.027	0.023	0.018	0.022	---	---	MAX
MIN	---	---	0.036	0.024	0.021	0.008	0.002	0.003	0.005	0.016	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.027
MAXIMUM DAILY, 0.300 ON MAY 9
MINIMUM DAILY, 0.002 ON JUL 31
MAXIMUM INSTANTANEOUS,
0.7670 AT 10:32 CST ON MAR 26

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 15 13 N
LONG 105 58 22 W
DRAINAGE AREA, 187 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	31.1
FEB	---	AUG	27.0
MAR	268	SEP	24.9
APR	138	OCT	49.1
MAY	204	NOV	---
JUN	43.2	DEC	---

TOTAL DISCHARGE, 785 dam³

HUFF LAKE - STATION NO. 11AC062

DAILY WATER LEVEL IN METRES FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	813.475E	815.736	815.807	813.709	813.640	813.451	813.243	813.133	---	---	1
2	---	---	813.476A	815.653	815.788	813.715	813.632	813.444	813.235	813.131	---	---	2
3	---	---	813.506	815.760	815.733	813.715	813.627	813.434	813.231	813.123	---	---	3
4	---	---	813.582	815.798	815.671	813.711	813.624	813.428	813.226	813.119	---	---	4
5	---	---	813.662	815.787	815.614	813.710	813.626	813.420	813.221	813.116	---	---	5
6	---	---	813.747	815.753	815.560	813.705	813.638	813.412	813.216	813.107	---	---	6
7	---	---	813.825	815.700	815.514	813.697	813.630	813.405	813.210	813.097	---	---	7
8	---	---	813.890	815.655	815.478	813.708	813.620	813.399	813.201	813.094	---	---	8
9	---	---	813.990	815.680	815.441	813.704	813.613	813.392	813.191	813.092	---	---	9
10	---	---	814.118	815.723	815.386	813.695	813.603	813.390	813.179	813.089	---	---	10
11	---	---	814.201	815.820	815.381	813.687	813.598	813.388	813.187	813.087	---	---	11
12	---	---	814.285	815.855	815.288	813.672	813.600	813.387	813.190	813.083	---	---	12
13	---	---	814.355	815.822	815.220	813.685	813.597	813.381	813.190	813.080	---	---	13
14	---	---	814.420	815.775	815.157	813.715	813.585	813.356	813.186	813.077	---	---	14
15	---	---	814.475	815.730	815.075	813.725	813.578	813.354	813.183	813.066	---	---	15
16	---	---	814.526	815.688	814.980	813.731	813.571	813.345	813.179	813.058	---	---	16
17	---	---	814.582	815.670	814.892	813.731	813.568	813.334	813.174	813.054	---	---	17
18	---	---	814.635	815.709	814.804	813.726	813.566	813.328	813.173	813.047	---	---	18
19	---	---	814.688	815.762	814.728	813.720	813.562	813.329	813.174	813.041	---	---	19
20	---	---	814.751	815.801	814.671	813.713	813.553	813.322	813.173	813.040	---	---	20
21	---	---	814.817	815.827	814.627	813.703	813.548	813.317	813.171	813.032	---	---	21
22	---	---	814.884	815.843	814.582	813.697	813.543	813.306	813.168	813.026	---	---	22
23	---	---	814.948	815.843	814.538	813.691	813.531	813.298	813.165	813.017	---	---	23
24	---	---	815.019	815.827	814.452	813.680	813.523	813.291	813.161	813.014	---	---	24
25	---	---	815.071	815.830	814.218	813.682	813.514	813.288	813.157	813.009	---	---	25
26	---	813.485E	815.120	815.835	813.883	813.685	813.505	813.282	813.155	813.008	---	---	26
27	---	813.467E	815.236	815.828	813.763	813.652	813.498	813.274	813.149	813.005	---	---	27
28	---	813.469E	815.277	815.818	813.731	813.645	813.486	813.268	813.152	812.998A	---	---	28
29	---	813.472E	815.430	815.815	813.697	813.639	813.480	813.260	813.145	812.996E	---	---	29
30	---		815.564	815.812	813.688	813.650	813.474	813.263	813.140	812.993E	---	---	30
31	---		815.607		813.700		813.460	813.250		812.990A		---	31
MEAN	---	---	814.499	815.772	814.875	813.695	813.567	813.346	813.184	813.059	---	---	MEAN
MAX	---	---	815.607	815.855	815.807	813.731	813.640	813.451	813.243	813.133	---	---	MAX
MIN	---	---	813.475	815.653	813.688	813.639	813.460	813.250	813.140	812.990	---	---	MIN

WATER LEVELS IN METRES

MAXIMUM DAILY, 815.855 ON APR 12

MAXIMUM INSTANTANEOUS,
815.889 AT 13:43 CST ON APR 12

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM
APPLY -000.084 m ADJUSTMENT TO CONVERT TO TOPOGRAPHIC SURVEY DATUM

SUMMARY FOR THE YEAR 1984

INTERNATIONAL GAUGING STATION
TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 22 16 N
LONG 107 53 07 W

A - MANUAL GAUGE

E - ESTIMATED

REGULATED

DRAINAGE AREA,
3 300 km²

HUFF LAKE GRAVITY CANAL - STATION NO. 11AC066

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0	0	0	0	0	0	0	0	---	---	1
2	---	---	0	0	0.735	0	0	0	0	0	---	---	2
3	---	---	0	0	0.888	0	0	0	0	0	---	---	3
4	---	---	0	0	0.881	0	0	0	0	0	---	---	4
5	---	---	0	0	1.08	0	0	0	0	0.026	---	---	5
6	---	---	0	0	0.935	0	0	0	0	0.142	---	---	6
7	---	---	0	0	0.375	0	0	0	0	0.015	---	---	7
8	---	---	0	0	0.317	0	0	0	0	0	---	---	8
9	---	---	0	0	0.370	0	0	0	0	0	---	---	9
10	---	---	0	0	0.488	0	0	0	0	0	---	---	10
11	---	---	0	0	0.622	0	0	0	0	0	---	---	11
12	---	---	0	0	0.808	0	0	0	0	0	---	---	12
13	---	---	0	0	0.788	0	0	0	0	0	---	---	13
14	---	---	0	0	0.850	0	0	0	0	0	---	---	14
15	---	---	0	0	0.888	0	0	0	0	0	---	---	15
16	---	---	0	0	0.837	0	0	0	0	0	---	---	16
17	---	---	0	0	0.978	0	0	0	0	0	---	---	17
18	---	---	0	0	1.12	0	0	0	0	0	---	---	18
19	---	---	0	0	1.08	0	0	0	0	0	---	---	19
20	---	---	0	0	0.783	0	0	0	0	0	---	---	20
21	---	---	0	0	0.882	0	0	0	0	0	---	---	21
22	---	---	0	0	0.721	0	0	0	0	0	---	---	22
23	---	---	0	0	0.580	0	0	0	0	0	---	---	23
24	---	---	0	0	0.383	0	0	0	0	0	---	---	24
25	---	---	0	0	0.088	0	0	0	0	0	---	---	25
26	---	0	0	0	0.148	0	0	0	0	0	---	---	26
27	---	0	0	0	0.182	0	0	0	0	0	---	---	27
28	---	0	0	0	0.150	0	0	0	0	0	---	---	28
29	---	---	0	0	0.120	0	0	0	0	0	---	---	29
30	---		0	0	0	0	0	0	0	0	---	---	30
31	---		0		0		0	0		0		---	31
TOTAL	---	---	0	0	17.839	0	0	0	0	0.182	---	---	TOTAL
MEAN	---	---	0	0	0.576	0	0	0	0	0.006	---	---	MEAN
MAX	---	---	0	0	1.12	0	0	0	0	0.142	---	---	MAX
MIN	---	---	0	0	0	0	0	0	0	0	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.074
MAXIMUM DAILY, 1.12 ON MAY 18
MINIMUM DAILY, 0 ON MAR 1

SUMMARY FOR THE MONTHS MAR TO OCT

INTERNATIONAL GAUGING STATION
TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 22 10 N
LONG 107 53 06 W

REGULATED

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	0
FEB	---	AUG	0
MAR	0	SEP	0
APR	0	OCT	15.7
MAY	1 550	NOV	---
JUN	0	DEC	---

TOTAL DISCHARGE, 1 570 dam³

HUFF LAKE PUMPING CANAL - STATION NO. 11AC066

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1986

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0	0	0	0	0	0	0	0.024	---	---	1
2	---	---	0	0	0.558	0	0	0	0	0.012	---	---	2
3	---	---	0	0	0.721	0	0	0	0	0	---	---	3
4	---	---	0	0	0.723	0	0	0	0	0	---	---	4
5	---	---	0	0	0.725	0	0	0	0	0	---	---	5
6	---	---	0	0	0.728	0	0	0	0	0	---	---	6
7	---	---	0	0	0.687	0	0	0	0	0	---	---	7
8	---	---	0	0	0.732	0	0	0	0	0	---	---	8
9	---	---	0	0	0.735	0	0	0	0	0	---	---	9
10	---	---	0	0	0.733	0	0	0	0	0	---	---	10
11	---	---	0	0	0.731	0	0	0	0	0	---	---	11
12	---	---	0	0	0.709	0	0	0	0	0	---	---	12
13	---	---	0	0	0.725	0	0	0	0	0	---	---	13
14	---	---	0	0	0.722	0	0	0	0	0	---	---	14
15	---	---	0	0	0.671	0	0	0	0	0	---	---	15
16	---	---	0	0	0.688	0	0	0	0	0	---	---	16
17	---	---	0	0	0.505	0	0	0	0	0	---	---	17
18	---	---	0	0	0.287	0	0	0	0	0	---	---	18
19	---	---	0	0	0	0	0	0	0	0	---	---	19
20	---	---	0	0	0	0	0	0	0	0	---	---	20
21	---	---	0	0	0	0	0	0	0	0	---	---	21
22	---	---	0	0	0	0	0	0	0	0	---	---	22
23	---	---	0	0	0	0	0	0	0	0	---	---	23
24	---	---	0	0	0	0	0	0	0	0	---	---	24
25	---	---	0	0	0	0	0	0	0	0	---	---	25
26	---	0	0	0	0	0	0	0	0	0	---	---	26
27	---	0	0	0	0	0	0	0	0	0	---	---	27
28	---	0	0	0	0	0	0	0	0	0	---	---	28
29	---	0	0	0	0	0	0	0	0.024	0	---	---	29
30	---		0	0	0	0	0	0	0.012	0	---	---	30
31	---		0		0		0	0		0		---	31
TOTAL	---	---	0	0	11.380	0	0	0	0.036	0.036	---	---	TOTAL
MEAN	---	---	0	0	0.367	0	0	0	0.001	0.001	---	---	MEAN
MAX	---	---	0	0	0.735	0	0	0	0.024	0.024	---	---	MAX
MIN	---	---	0	0	0	0	0	0	0	0	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.047
MAXIMUM DAILY, 0.735 ON MAY 9
MINIMUM DAILY, 0 ON MAR 1

SUMMARY FOR THE MONTHS MAR TO OCT

INTERNATIONAL GAUGING STATION
TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 22 30 N
LONG 107 52 05 W

REGULATED SINCE 1950

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	0
FEB	---	AUG	0
MAR	0	SEP	3.11
APR	0	OCT	3.11
MAY	983	NOV	---
JUN	0	DEC	---

TOTAL DISCHARGE, 989 dam³

HUNTER CREEK NEAR RICHARDSON - STATION NO. 05JF014

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1986

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0B	0	0	0	0	0	0	0	---	---	1
2	---	---	0B	0	0	0	0	0	0	0	---	---	2
3	---	---	0B	0	0	0	0	0	0	0	---	---	3
4	---	---	0B	0	0	0	0	0	0	0	---	---	4
5	---	---	0B	0	0	0	0	0	0	0	---	---	5
6	---	---	0B	0	0	0	0	0	0	0	---	---	6
7	---	---	0B	0	0	0	0	0	0	0	---	---	7
8	---	---	0B	0	0	0	0	0	0	0	---	---	8
9	---	---	0B	0	0	0	0	0	0	0	---	---	9
10	---	---	0B	0	0	0	0	0	0	0	---	---	10
11	---	---	0B	0	0	0	0	0	0	0	---	---	11
12	---	---	0B	0	0	0	0	0	0	0	---	---	12
13	---	---	0B	0	0	0	0	0	0	0	---	---	13
14	---	---	0B	0	0	0	0	0	0	0	---	---	14
15	---	---	0B	0	0	0	0	0	0	0	---	---	15
16	---	---	0B	0	0	0	0	0	0	0	---	---	16
17	---	---	0B	0	0	0	0	0	0	0	---	---	17
18	---	---	0B	0	0	0	0	0	0	0	---	---	18
19	---	---	0B	0	0	0	0	0	0	0	---	---	19
20	---	---	0B	0	0	0	0	0	0	0	---	---	20
21	---	---	0B	0	0	0	0	0	0	0	---	---	21
22	---	---	0B	0	0	0	0	0	0	0	---	---	22
23	---	---	0B	0	0	0	0	0	0	0	---	---	23
24	---	---	0B	0	0	0	0	0	0	0	---	---	24
25	---	---	0B	0	0	0	0	0	0	0	---	---	25
26	---	---	0B	0	0	0	0	0	0	0	---	---	26
27	---	---	0B	0	0	0	0	0	0	0	---	---	27
28	---	---	0B	0	0	0	0	0	0	0	---	---	28
29	---	---	0B	0	0	0	0	0	0	0	---	---	29
30	---		0B	0	0	0	0	0	0	0	---	---	30
31	---		0B		0		0	0		0		---	31
TOTAL	---	---	0	0	0	0	0	0	0	0	---	---	TOTAL
MEAN	---	---	0	0	0	0	0	0	0	0	---	---	MEAN
MAX	---	---	0	0	0	0	0	0	0	0	---	---	MAX
MIN	---	---	0	0	0	0	0	0	0	0	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0
MAXIMUM DAILY, 0B ON MAR 1
MINIMUM DAILY, 0B ON MAR 1
MAXIMUM INSTANTANEOUS,
0B AT 00:00 CST ON MAR 1

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 23 16 N
LONG 104 27 39 W
DRAINAGE AREA, 125 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	0
FEB	---	AUG	0
MAR	0	SEP	0
APR	0	OCT	0
MAY	0	NOV	---
JUN	0	DEC	---

TOTAL DISCHARGE, 0 dam³

INDIANHEAD CREEK NEAR INDIAN HEAD - STATION NO. 05JL002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0	0	0	0	0	0	0	0	---	---	1
2	---	---	0	0	0	0	0	0	0	0	---	---	2
3	---	---	0	0	0	0	0	0	0	0	---	---	3
4	---	---	0	0	0	0	0	0	0	0	---	---	4
5	---	---	0	0	0	0	0	0	0	0	---	---	5
6	---	---	0	0	0	0	0	0	0	0	---	---	6
7	---	---	0	0	0	0	0	0	0	0	---	---	7
8	---	---	0	0	0	0	0	0	0	0	---	---	8
9	---	---	0	0	0	0	0	0	0	0	---	---	9
10	---	---	0	0	0	0	0	0	0	0	---	---	10
11	---	---	0	0	0	0	0	0	0	0	---	---	11
12	---	---	0	0	0	0	0	0	0	0	---	---	12
13	---	---	0	0.053	0	0	0	0	0	0	---	---	13
14	---	---	0	0.081	0	0	0	0	0	0	---	---	14
15	---	---	0	0.073	0	0	0	0	0	0	---	---	15
16	---	---	0	0.049	0	0	0	0	0	0	---	---	16
17	---	---	0	0.016	0	0	0	0	0	0	---	---	17
18	---	---	0	0	0	0	0	0	0	0	---	---	18
19	---	---	0	0	0	0	0	0	0	0	---	---	19
20	---	---	0	0	0	0	0	0	0	0	---	---	20
21	---	---	0	0	0	0	0	0	0	0	---	---	21
22	---	---	0	0	0	0	0	0	0	0	---	---	22
23	---	---	0	0	0	0	0	0	0	0	---	---	23
24	---	---	0	0	0	0	0	0	0	0	---	---	24
25	---	---	0	0	0	0	0	0	0	0	---	---	25
26	---	---	0	0	0	0	0	0	0	0	---	---	26
27	---	---	0	0	0	0	0	0	0	0	---	---	27
28	---	---	0	0	0	0	0	0	0	0	---	---	28
29	---	---	0	0	0	0	0	0	0	0	---	---	29
30	---		0	0	0	0	0	0	0	0	---	---	30
31	---		0		0		0	0		0		---	31
TOTAL	---	---	0	0.274	0	0	0	0	0	0	---	---	TOTAL
MEAN	---	---	0	0.009	0	0	0	0	0	0	---	---	MEAN
MAX	---	---	0	0.081	0	0	0	0	0	0	---	---	MAX
MIN	---	---	0	0	0	0	0	0	0	0	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.001
MAXIMUM DAILY, 0.081 ON APR 14
MINIMUM DAILY, 0 ON MAR 1
MAXIMUM INSTANTANEOUS,
0.088 AT 12:33 CST ON APR 13

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 28 42 N
LONG 103 36 14 W
DRAINAGE AREA, 327 km²

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	0
FEB	---	AUG	0
MAR	0	SEP	0
APR	23.7	OCT	0
MAY	0	NOV	---
JUN	0	DEC	---

TOTAL DISCHARGE, 23.7 dam³

INVERNESS CREEK NEAR BRODERICK - STATION NO. 05HG021

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	0 B	0 B	0.001	0	0	0	0	0	0	---	---	1
2	---	0 B	0.001B	0	0	0	0	0	0	0	---	---	2
3	---	0 B	0.001B	0	0	0	0	0	0	0	---	---	3
4	---	0 B	0.001B	0	0	0	0	0	0	0	---	---	4
5	---	0 B	0.001B	0	0	0	0	0	0	0	---	---	5
6	---	0 B	0.001B	0	0	0	0	0	0	0	---	---	6
7	---	0 B	0 B	0	0	0	0	0	0	0	---	---	7
8	---	0 B	0.001B	0	0	0	0	0	0	0	---	---	8
9	---	0 B	0.001B	0	0	0	0	0	0	0	---	---	9
10	---	0 B	0 B	0	0	0	0	0	0	0	---	---	10
11	---	0 B	0 B	0	0	0	0	0	0	0	---	---	11
12	---	0 B	0 B	0	0	0	0	0	0	0	---	---	12
13	---	0 B	0 B	0	0	0	0	0	0	0	---	---	13
14	---	0 B	0 B	0	0	0	0	0	0	0	---	---	14
15	---	0 B	0 B	0	0	0	0	0	0	0	---	---	15
16	---	0 B	0.001B	0	0	0	0	0	0	0	---	---	16
17	---	0 B	0.001B	0	0	0	0	0	0	0	---	---	17
18	---	0 B	0.001B	0	0	0	0	0	0	0	---	---	18
19	---	0 B	0 B	0	0	0	0	0	0	0	---	---	19
20	---	0 B	0 B	0	0	0	0	0	0	0	---	---	20
21	---	0 B	0 B	0	0	0	0	0	0	0	---	---	21
22	---	0 B	0 B	0	0	0	0	0	0	0	---	---	22
23	---	0 B	0 B	0	0	0	0	0	0	0	---	---	23
24	---	0 B	0 B	0	0	0	0	0	0	0	---	---	24
25	---	0.001B	0 B	0	0	0	0	0	0	0	---	---	25
26	---	0.002B	0 B	0	0	0	0	0	0	0	---	---	26
27	---	0.001B	0 B	0	0	0	0	0	0	0	---	---	27
28	---	0.001B	0 B	0	0	0	0	0	0	0	---	---	28
29	---	0 B	0 B	0	0	0	0	0	0	0	---	---	29
30	---		0 B	0	0	0	0	0	0	0	---	---	30
31	---		0.001B		0		0	0		0		---	31
TOTAL	---	0.005	0.011	0.001	0	0	0	0	0	0	---	---	TOTAL
MEAN	---	0	0	0	0	0	0	0	0	0	---	---	MEAN
MAX	---	0.002	0.001	0.001	0	0	0	0	0	0	---	---	MAX
MIN	---	0	0	0	0	0	0	0	0	0	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0
MAXIMUM DAILY, 0.002B ON FEB 26
MINIMUM DAILY, 0B ON FEB 1
MAXIMUM INSTANTANEOUS,
0.004B AT 14:26 CST ON FEB 26

SUMMARY FOR THE MONTHS FEB TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 51 30 16 N
LONG 106 48 16 W
DRAINAGE AREA, 61.4 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	0
FEB	0.43	AUG	0
MAR	0.95	SEP	0
APR	0.09	OCT	0
MAY	0	NOV	---
JUN	0	DEC	---

TOTAL DISCHARGE, 1.47 dam³

IRONSPRING CREEK NEAR WATSON - STATION NO. 05MA012

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0B	2.08 B	0.136	0.183	0.019	0	0	0	---	---	1
2	---	---	0B	6.42 B	0.136	0.079	0.013	0	0	0	---	---	2
3	---	---	0B	15.3 B	0.134	0.041	0.008	0	0	0	---	---	3
4	---	---	0B	10.6 B	0.123	0.022	0.005	0	0	0	---	---	4
5	---	---	0B	14.3 B	0.113	0.016	0.004	0	0	0	---	---	5
6	---	---	0B	12.3 B	0.110	0.010	0.022	0	0	0	---	---	6
7	---	---	0B	12.8 B	0.128	0.008	0.028	0	0	0	---	---	7
8	---	---	0B	11.0	0.128	0.004	0.022	0	0	0	---	---	8
9	---	---	0B	8.80	0.105	0.008	0.015	0	0	0	---	---	9
10	---	---	0B	4.28	0.088	0.008	0.011	0	0	0	---	---	10
11	---	---	0B	4.22	0.078	0.014	0.007	0	0	0	---	---	11
12	---	---	0B	4.13	0.078	0.018	0.005	0	0	0	---	---	12
13	---	---	0B	4.13	0.084	0.015	0.008	0	0	0	---	---	13
14	---	---	0B	4.88	0.087	0.015	0.010	0	0	0	---	---	14
15	---	---	0B	5.01	0.183	0.017	0.014	0	0	0	---	---	15
16	---	---	0B	4.87	0.180	0.015	0.011	0	0	0	---	---	16
17	---	---	0B	4.82	0.113	0.011	0.007	0	0	0	---	---	17
18	---	---	0B	4.78	0.170	0.008	0.003	0	0	0	---	---	18
19	---	---	0B	4.84	0.382	0.004	0.001	0	0	0	---	---	19
20	---	---	0B	4.48	0.374	0.008	0	0	0	0	---	---	20
21	---	---	0B	4.21	0.380	0.248	0	0	0	0	---	---	21
22	---	---	0B	3.88	0.278	0.223	0	0	0	0	---	---	22
23	---	---	0B	3.77	0.271	0.155	0	0	0	0	---	---	23
24	---	---	0B	3.88	0.290	0.172	0	0	0	0	---	---	24
25	---	---	0B	3.40	0.348	0.094	0	0	0	0	---	---	25
26	---	---	0B	2.22	0.343	0.058	0	0	0	0	---	---	26
27	---	---	0B	0.543	0.324	0.035	0	0	0	0	---	---	27
28	---	---	0B	0.271	0.323	0.028	0	0	0	0	---	---	28
29	---	---	0B	0.205	0.287	0.025	0	0	0	0	---	---	29
30	---		0B	0.173	0.288	0.023	0	0	0	0	---	---	30
31	---		0B		0.317		0	0		0		---	31
TOTAL	---	---	0	172.012	6.108	1.454	0.216	0	0	0	---	---	TOTAL
MEAN	---	---	0	5.73	0.197	0.048	0.007	0	0	0	---	---	MEAN
MAX	---	---	0	15.0	0.274	0.248	0.028	0	0	0	---	---	MAX
MIN	---	---	0	0.173	0.084	0.004	0	0	0	0	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.724
MAXIMUM DAILY, 15.08 ON APR 4
MINIMUM DAILY, 0B ON MAR 1
MAXIMUM INSTANTANEOUS,
25.48 AT 19:13 CST ON APR 3

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 52 03 28 N
LONG 104 28 58 W
DRAINAGE AREA, 588 km²

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	18.8
FEB	---	AUG	0
MAR	0	SEP	0
APR	14 800	OCT	0
MAY	528	NOV	---
JUN	128	DEC	---

TOTAL DISCHARGE, 15 600 dam³

ISKWAO CREEK NEAR CRAIK - STATION NO. 05JG014

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0	0	0	0	0	0	0	0	---	---	1
2	---	---	0	0	0	0	0	0	0	0	---	---	2
3	---	---	0	0	0	0	0	0	0	0	---	---	3
4	---	---	0	0	0	0	0	0	0	0	---	---	4
5	---	---	0	0	0	0	0	0	0	0	---	---	5
6	---	---	0	0	0	0	0	0	0	0	---	---	6
7	---	---	0	0	0	0	0	0	0	0	---	---	7
8	---	---	0	0	0	0	0	0	0	0	---	---	8
9	---	---	0	0	0	0	0	0	0	0	---	---	9
10	---	---	0	0	0	0	0	0	0	0	---	---	10
11	---	---	0	0	0	0	0	0	0	0	---	---	11
12	---	---	0	0	0	0	0	0	0	0	---	---	12
13	---	---	0	0	0	0	0	0	0	0	---	---	13
14	---	---	0	0	0	0	0	0	0	0	---	---	14
15	---	---	0	0	0	0	0	0	0	0	---	---	15
16	---	---	0	0	0	0	0	0	0	0	---	---	16
17	---	---	0	0	0	0	0	0	0	0	---	---	17
18	---	---	0	0	0	0	0	0	0	0	---	---	18
19	---	---	0	0	0	0	0	0	0	0	---	---	19
20	---	---	0	0	0	0	0	0	0	0	---	---	20
21	---	---	0	0	0	0	0	0	0	0	---	---	21
22	---	---	0	0	0	0	0	0	0	0	---	---	22
23	---	---	0	0	0	0	0	0	0	0	---	---	23
24	---	---	0	0	0	0	0	0	0	0	---	---	24
25	---	---	0	0	0	0	0	0	0	0	---	---	25
26	---	---	0	0	0	0	0	0	0	0	---	---	26
27	---	---	0	0	0	0	0	0	0	0	---	---	27
28	---	---	0	0	0	0	0	0	0	0	---	---	28
29	---	---	0	0	0	0	0	0	0	0	---	---	29
30	---		0	0	0	0	0	0	0	0	---	---	30
31	---		0		0		0	0		0		---	31
TOTAL	---	---	0	0	0	0	0	0	0	0	---	---	TOTAL
MEAN	---	---	0	0	0	0	0	0	0	0	---	---	MEAN
MAX	---	---	0	0	0	0	0	0	0	0	---	---	MAX
MIN	---	---	0	0	0	0	0	0	0	0	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0
MAXIMUM DAILY, 0 ON MAR 1
MINIMUM DAILY, 0 ON MAR 1
MAXIMUM INSTANTANEOUS,
0 AT 00:00 CST ON MAR 1

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 58 44 N
LONG 105 57 34 W
DRAINAGE AREA, 301 km²

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	0
FEB	---	AUG	0
MAR	0	SEP	0
APR	0	OCT	0
MAY	0	NOV	---
JUN	0	DEC	---

TOTAL DISCHARGE, 0 dam³

JACKFISH LAKE NEAR COCHIN - STATION NO. 05EF003

DAILY WATER LEVEL IN METRES FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	529.443A	529.465E	529.573	529.532	529.492	529.390	529.454	529.389	---	---	1
2	---	---	529.443E	529.472E	529.572	529.533	529.490	529.405	529.453	529.394	---	---	2
3	---	---	529.444E	529.482E	529.571	529.530	529.489	529.419	529.428	529.390	---	---	3
4	---	---	529.444E	529.495E	529.574	529.531	529.487	529.415	529.424	529.386	---	---	4
5	---	---	529.445E	529.508A	529.572	529.525	529.490	529.415	529.417	529.392	---	---	5
6	---	---	529.445E	529.514E	529.568	529.535	529.519	529.403	529.423	529.393	---	---	6
7	---	---	529.446E	529.519E	529.566	529.527	529.484	529.409	529.423	529.390	---	---	7
8	---	---	529.447E	529.523A	529.574	529.526	529.477	529.40[illegible]	529.407	529.392	---	---	8
9	---	---	529.44[illegible]E	529.535	529.571	529.526	529.477	529.414	529.422	529.388	---	---	9
10	---	---	529.449E	529.544	529.569	529.520	529.477	529.405	529.419	529.390	---	---	10
11	---	---	529.449E	529.549	529.569	529.512	529.472	529.404	529.420	529.386	---	---	11
12	---	---	529.450E	529.544	529.563	529.483	529.470	529.406	529.410	529.390	---	---	12
13	---	---	529.450E	529.551	529.560	529.500	529.487	529.398	529.423	529.397	---	---	13
14	---	---	529.451E	529.556	529.547	529.483	529.462	529.403	529.414	529.394	---	---	14
15	---	---	529.451E	529.559	529.571	529.486	529.455	529.403	529.410	529.386	---	---	15
16	---	---	529.451E	529.562	529.564	529.483	529.447	529.397	529.399	529.388	---	---	16
17	---	---	529.452E	529.563	529.574	529.483	529.448	529.391	529.396	529.386	---	---	17
18	---	---	529.452E	529.566	529.582	529.483	529.445	529.385	529.404	529.390	---	---	18
19	---	---	529.453E	529.568	529.580	529.480	529.440	529.454	529.393	529.382	---	---	19
20	---	---	529.453E	529.566	529.557	529.475	529.448	529.443	529.396	529.376	---	---	20
21	---	---	529.454E	529.568	529.575	529.470	529.441	529.461	529.392	529.380	---	---	21
22	---	---	529.454E	529.571	529.572	529.457	529.430	529.464	529.386	529.345	---	---	22
23	---	---	529.455E	529.570	529.547	529.464	529.425	529.476	529.392	529.376	---	---	23
24	---	---	529.455E	529.568	529.553	529.456	529.434	529.472	529.386	529.377	---	---	24
25	---	---	529.456E	529.572	529.558	529.464	529.432	529.460	529.382	529.373	---	---	25
26	---	---	529.456E	529.570	529.547	529.461	529.426	529.461	529.395	529.367	---	---	26
27	---	---	529.457E	529.573	529.541	529.455	529.416	529.473	529.390	529.356A	---	---	27
28	---	---	529.458E	529.572	529.540	529.444	529.413	529.470	529.399	529.351E	---	---	28
29	---	---	529.459E	529.572	529.537	529.475	529.407	529.458	529.398	529.348E	---	---	29
30	---		529.460E	529.572	529.534	529.490	529.380	529.453	529.393	529.348E	---	---	30
31	---		529.462E		529.543		529.392	529.453		529.344E		---	31
MEAN	---	---	529.451	529.545	529.562	529.494	529.453	529.426	529.408	529.379	---	---	MEAN
MAX	---	---	529.462	529.573	529.582	529.535	529.519	529.480	529.454	529.399	---	---	MAX
MIN	---	---	529.443	529.465	529.534	529.444	529.380	529.385	529.382	529.344	---	---	MIN

WATER LEVELS IN METRES

SUMMARY FOR THE YEAR 1988

MAXIMUM DAILY, 529.582 ON MAY 18

MAXIMUM INSTANTANEOUS,
529.625 AT 16:13 CST ON MAY 5

TYPE OF GAUGE - RECORDING
LOCATION - LAT 53 07 02 N
LONG 108 22 54 W

A - MANUAL GAUGE

E - ESTIMATED

REGULATED

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

REMARKS - THE MAXIMUM INSTANTANEOUS WATER LEVEL OCCURRED AS A RESULT OF WIND EFFECT

JAN LAKE NEAR THE HANSON LAKE ROAD - STATION NO. 05KE010

DAILY WATER LEVEL IN METRES FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	---	---	---	---	---	---	---	---	1
2	---	---	---	---	---	---	---	---	---	---	---	---	2
3	---	---	---	---	---	28.901	---	28.867	---	---	28.723	---	3
4	---	---	---	---	---	28.904	---	---	---	---	---	---	4
5	---	---	---	---	---	28.906	---	---	---	---	---	---	5
6	---	---	---	---	---	28.906	---	---	---	---	---	---	6
7	---	---	---	---	---	28.906	---	---	---	---	---	---	7
8	---	---	---	---	---	28.904	---	---	---	---	---	---	8
9	---	---	---	---	---	28.905	---	---	---	---	---	---	9
10	---	---	---	---	---	28.903	---	---	---	---	---	---	10
11	---	---	---	---	---	---	---	---	---	---	---	---	11
12	---	---	---	---	---	28.905	---	---	---	---	---	---	12
13	---	---	---	---	---	28.907	---	---	---	---	---	---	13
14	---	---	---	---	---	28.906	---	---	---	---	---	---	14
15	---	---	---	---	---	28.901	---	---	---	---	---	---	15
16	---	---	---	---	---	28.889	---	---	---	---	---	---	16
17	---	---	---	---	---	28.895	---	---	---	---	---	---	17
18	---	---	---	---	---	28.901	---	---	---	---	---	---	18
19	---	---	---	---	---	28.904	---	---	---	---	---	---	19
20	---	---	---	---	---	28.896	---	---	---	---	---	---	20
21	---	---	---	---	---	---	---	---	---	---	---	---	21
22	---	---	---	---	---	---	---	---	---	---	---	---	22
23	---	---	---	---	---	---	---	---	---	---	---	---	23
24	---	---	---	---	---	---	---	---	---	---	---	---	24
25	---	---	---	---	28.888	---	---	---	---	---	---	---	25
26	---	---	---	---	28.906	28.888	---	---	---	---	---	---	26
27	---	---	---	---	28.888	28.878	---	---	---	---	---	---	27
28	---	---	---	---	28.905	28.876	---	---	---	---	---	---	28
29	---	---	---	---	28.907	28.865	---	---	---	---	---	---	29
30	---		---	---	---	28.871	---	---	---	---	---	---	30
31	---		---		---		---	---		---		---	31
MEAN	---	---	---	---	---	---	---	---	---	---	---	---	MEAN
MAX	---	---	---	---	---	---	---	---	---	---	---	---	MAX
MIN	---	---	---	---	---	---	---	---	---	---	---	---	MIN

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - MANUAL
LOCATION - LAT 54 53 38 N
LONG 102 48 37 W
DATA CONTRIBUTED BY -
SASKATCHEWAN WATER CORPORATION

WATER LEVELS ARE REFERRED TO ASSUMED DATUM

JEWEL CREEK NEAR GOODWATER - STATION NO. 05NB014

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0	0	0	0	0	0	0	0	---	---	1
2	---	---	0	0	0	0	0	0	0	0	---	---	2
3	---	---	0	0	0	0	0	0	0	0	---	---	3
4	---	---	0	0	0	0	0	0	0	0	---	---	4
5	---	---	0	0	0	0	0	0	0	0	---	---	5
6	---	---	0	0	0	0	0	0	0	0	---	---	6
7	---	---	0	0	0	0	0	0	0	0	---	---	7
8	---	---	0	0	0	0	0	0	0	0	---	---	8
9	---	---	0	0	0	0	0	0	0	0	---	---	9
10	---	---	0	0	0	0	0	0	0	0	---	---	10
11	---	---	0	0	0	0	0	0	0	0	---	---	11
12	---	---	0	0	0	0	0	0	0	0	---	---	12
13	---	---	0	0	0	0	0	0	0	0	---	---	13
14	---	---	0	0	0	0	0	0	0	0	---	---	14
15	---	---	0	0	0	0	0	0	0	0	---	---	15
16	---	---	0	0	0	0	0	0	0	0	---	---	16
17	---	---	0	0	0	0	0	0	0	0	---	---	17
18	---	---	0	0	0	0	0	0	0	0	---	---	18
19	---	---	0	0	0	0	0	0	0	0	---	---	19
20	---	---	0	0	0	0	0	0	0	0	---	---	20
21	---	---	0	0	0	0	0	0	0	0	---	---	21
22	---	---	0	0	0	0	0	0	0	0	---	---	22
23	---	---	0	0	0	0	0	0	0	0	---	---	23
24	---	---	0	0	0	0	0	0	0	0	---	---	24
25	---	---	0	0	0	0	0	0	0	0	---	---	25
26	---	---	0	0	0	0	0	0	0	0	---	---	26
27	---	---	0	0	0	0	0	0	0	0	---	---	27
28	---	---	0	0	0	0	0	0	0	0	---	---	28
29	---	---	0	0	0	0	0	0	0	0	---	---	29
30	---		0	0	0	0	0	0	0	0	---	---	30
31	---		0		0		0	0		0		---	31
TOTAL	---	---	0	0	0	0	0	0	0	0	---	---	TOTAL
MEAN	---	---	0	0	0	0	0	0	0	0	---	---	MEAN
MAX	---	---	0	0	0	0	0	0	0	0	---	---	MAX
MIN	---	---	0	0	0	0	0	0	0	0	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0
MAXIMUM DAILY, 0 ON MAR 1
MINIMUM DAILY, 0 ON MAR 1
MAXIMUM INSTANTANEOUS,
0 AT 00:00 CST ON MAR 1

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 23 10 N
LONG 103 42 42 W
DRAINAGE AREA, 208 km²

REGULATED

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	0
FEB	---	AUG	0
MAR	0	SEP	0
APR	0	OCT	0
MAY	0	NOV	---
JUN	0	DEC	---

TOTAL DISCHARGE, 0 dam³

JUMPING DEER CREEK NEAR LIPTON - STATION NO. 05JK004

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0 B	0.025B	0.004	0.001	0.001	0.001	0	0	---	---	1
2	---	---	0 B	0.018B	0.002	0.003	0.001	0.001	0	0	---	---	2
3	---	---	0 B	0.015	0.004	0.001	0.001	0.002	0	0	---	---	3
4	---	---	0 B	0.013	0.004	0.001	0.001	0.003	0.002	0	---	---	4
5	---	---	0 B	0.012	0.004	0.001	0.002	0.005	0.001	0	---	---	5
6	---	---	0 B	0.010	0.003	0.001	0.001	0.004	0	0	---	---	6
7	---	---	0 B	0.178	0.004	0.001	0.001	0.003	0	0	---	---	7
8	---	---	0 B	0.288	0.007	0.001	0.001	0.001	0	0	---	---	8
9	---	---	0 B	0.132	0.005	0.001	0.001	0.003	0	0	---	---	9
10	---	---	0 B	0.103	0.003	0.001	0.002	0.005	0	0	---	---	10
11	---	---	0.001B	0.088	0.003	0.001	0.002	0.001	0	0	---	---	11
12	---	---	0.001B	0.038	0.003	0.001	0.005	0.001	0	0.005	---	---	12
13	---	---	0.001B	0.036	0.002	0.002	0.004	0.001	0	0.005	---	---	13
14	---	---	0.001B	0.040	0.004	0.002	0.002	0.001	0	0.001	---	---	14
15	---	---	0.001B	0.035	0.008	0.001	0.001	0.001	0	0	---	---	15
16	---	---	0.001B	0.025	0.008	0.001	0.001	0.001	0	0	---	---	16
17	---	---	0.001B	0.021	0.008	0.001	0.001	0.001	0	0	---	---	17
18	---	---	0.001B	0.015	0.008	0.001	0.001	0.001	0	0	---	---	18
19	---	---	0.001B	0.008	0.019	0.001	0.001	0.001	0	0	---	---	19
20	---	---	0.001B	0.007	0.017	0.001	0.001	0.001	0	0	---	---	20
21	---	---	0.001B	0.005	0.008	0.001	0.001	0.001	0.003	0	---	---	21
22	---	---	0 B	0.003	0.004	0.001	0.001	0.001	0.002	0	---	---	22
23	---	---	0 B	0.007	0.003	0.001	0.001	0.001	0.003	0	---	---	23
24	---	---	0 B	0.004	0.002	0.001	0.001	0.001	0.001	0	---	---	24
25	---	---	0.001B	0.003	0.002	0.001	0.001	0.001	0.002	0	---	---	25
26	---	---	0.001B	0.002	0.008	0.001	0.001	0.001	0.001	0	---	---	26
27	---	---	0.001B	0.002	0.013	0.002	0.002	0.001	0.001	0	---	---	27
28	---	---	0.001B	0.002	0.008	0.002	0.001	0.001	0.001	0	---	---	28
29	---	---	0.001B	0.001	0.005	0.001	0.001	0.001	0.001	0	---	---	29
30	---		0.001B	0.002	0.003	0.001	0.001	0.001	0.001	0	---	---	30
31	---		0.018B		0.002		0.001	0		0		---	31
TOTAL	---	---	0.035	1.111	0.172	0.036	0.043	0.048	0.019	0.012	---	---	TOTAL
MEAN	---	---	0.001	0.037	0.006	0.001	0.001	0.002	0.001	0	---	---	MEAN
MAX	---	---	0.018	0.288	0.019	0.003	0.005	0.005	0.003	0.005	---	---	MAX
MIN	---	---	0	0.001	0.002	0.001	0.001	0	0	0	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.006
MAXIMUM DAILY, 0.288 ON APR 8
MINIMUM DAILY, 0B ON MAR 1
MAXIMUM INSTANTANEOUS,
0.370 AT 04:36 CST ON APR 8

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 55 10 N
LONG 103 53 57 W
DRAINAGE AREA, 1 580 km²

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	3.72
FEB	---	AUG	4.15
MAR	3.03	SEP	1.64
APR	96.0	OCT	1.04
MAY	14.9	NOV	---
JUN	3.11	DEC	---

TOTAL DISCHARGE, 128 dam³

JUNCTION RESERVOIR NEAR MAPLE CREEK - STATION NO. 05HA083

DAILY WATER LEVEL IN METRES FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	786.211	786.305	785.768	784.730	784.548	784.346A	784.236	784.070	---	---	1
2	---	---	786.213	786.306	785.735	784.728	784.547	784.342	784.230	784.068	---	---	2
3	---	---	786.219	786.312	785.686	784.728	784.544	784.343	784.226	784.068	---	---	3
4	---	---	786.223	786.302	785.645	784.717	784.544	784.341	784.222	784.065	---	---	4
5	---	---	786.231	786.307	785.578	784.710	784.548	784.330	784.218	784.058	---	---	5
6	---	---	786.234	786.309	785.527	784.695	784.561	784.318	784.213	784.058	---	---	6
7	---	---	786.233	786.306	785.473	784.689	784.550	784.305	784.199	784.058	---	---	7
8	---	---	786.235	786.299	785.443	784.682	784.545	784.306	784.196	784.050	---	---	8
9	---	---	786.242	786.298	785.399	784.687	784.543	784.298	784.191	784.048	---	---	9
10	---	---	786.249	786.307	785.351	784.680	784.533	784.289	784.179	784.044	---	---	10
11	---	786.185A	786.249	786.301	785.300	784.689	784.520	784.278	784.189	784.043	---	---	11
12	---	786.185	786.252	786.301	785.245	784.685	784.503	784.286	784.183	784.040	---	---	12
13	---	786.189	786.256	786.304	785.193	784.658	784.491	784.285	784.185	784.037	---	---	13
14	---	786.188	786.260	786.300	785.113	784.657	784.487	784.253	784.188	784.030	---	---	14
15	---	786.190	786.262	786.304	785.059	784.661	784.485	784.248	784.184	784.019	---	---	15
16	---	786.190	786.265	736.280	785.011	784.657	784.472A	784.277	784.182	784.014	---	---	16
17	---	786.190	786.268	786.288	784.952	784.644	784.469E	784.303	784.177	784.008	---	---	17
18	---	786.190	786.272	786.287	784.898	784.628	784.466E	784.288	784.174	784.007	---	---	18
19	---	786.198	786.277	786.281	784.856	784.620	784.466A	784.295	784.176	784.007	---	---	19
20	---	786.198	786.279	786.281	784.812	784.611	784.462	784.288	784.172	784.000	---	---	20
21	---	786.206	786.282	786.272	784.769	784.604	784.455	784.281	784.169	784.003	---	---	21
22	---	786.202	786.284	786.228	784.734	784.612	784.441	784.276	784.165	783.990	---	---	22
23	---	786.195	786.284	786.184	784.698	784.604	784.433	784.281	784.157	783.991	---	---	23
24	---	786.195	786.286	786.137	784.696	784.591	784.421	784.278	784.128	783.987	---	---	24
25	---	786.198	786.288	786.083	784.714	784.591	784.409	784.274	784.094	783.986	---	---	25
26	---	786.201	786.295	786.055	784.720	784.576	784.402	784.285	784.065	783.979	---	---	26
27	---	786.201	786.287	786.010	784.741	784.567	784.393	784.264	784.067	783.976A	---	---	27
28	---	786.202	786.277	785.958	784.752	784.559	784.378	784.261	784.067	783.976E	---	---	28
29	---	786.209	786.282	785.901	784.751	784.559	784.376	784.258	784.071	783.976E	---	---	29
30	---		786.299	785.848	784.746	784.567	784.367A	784.250	784.071	783.976E	---	---	30
31	---		786.306		784.742		784.367E	784.244		783.976E		---	31
MEAN	---	---	786.262	786.223	785.101	784.646	784.476	784.288	784.167	784.019	---	---	MEAN
MAX	---	---	786.306	786.312	785.768	784.730	784.561	784.346	784.236	784.070	---	---	MAX
MIN	---	---	786.211	785.848	784.696	784.557	784.367	784.244	784.065	783.976	---	---	MIN

WATER LEVELS IN METRES

SUMMARY FOR THE YEAR 1988

MAXIMUM DAILY, 786.312 ON APR 3

MAXIMUM INSTANTANEOUS,
786.317 AT 14:21 CST ON APR 3

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 58 10 N
LONG 109 31 05 W

A - MANUAL GAUGE

E - ESTIMATED

REGULATED

DRAINAGE AREA,
1 230 km²

WATER LEVELS ARE REFERRED TO PRAIRIE FARM REHABILITATION ADMINISTRATION DATUM
APPLY -10.415 m ADJUSTMENT TO CONVERT TO RECLAMATION SERVICE OF CANADA DATUM

KATEPWA LAKE AT KATEPWA BEACH - STATION NO. 05JL004

DAILY WATER LEVEL IN METRES FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	478.275	478.262	478.252	478.245	478.232	478.226	478.161	478.075	478.011	477.927	478.223	478.270	1
2	478.280	478.263	478.248	478.246	478.231	478.228	478.162	478.089	478.006	477.922	478.232	478.271	2
3	478.278	478.261	478.247	478.247	478.229	478.222	478.160	478.104	478.003	477.920	478.235	478.271	3
4	478.274	478.261	478.248	478.243	478.224	478.217	478.157	478.088	478.001	477.923	478.241	478.271	4
5	478.272	478.259	478.249	478.244	478.219	478.215	478.158	478.085	477.998	477.935	478.245	478.271	5
6	478.270	478.262	478.248	478.244	478.218	478.213	478.172	478.086	477.991	477.948	478.241	478.273	6
7	478.273	478.263	478.250	478.243	478.224	478.214	478.170	478.083	477.987	477.962	478.256	478.271	7
8	478.268	478.263	478.252	478.253	478.227	478.206	478.161	478.082	477.984	477.975	478.255	478.268	8
9	478.268	478.257	478.249	478.253	478.229	478.204	478.158	478.079	477.977	477.986	478.259	478.269	9
10	478.268	478.256	478.250	478.249	478.224	478.207	478.146	478.082	477.963	477.995	478.258	478.268	10
11	478.267	478.257	478.251	478.248	478.226	478.211	478.137	478.078	477.961	478.003	478.258	478.272	11
12	478.265	478.262	478.250	478.247	478.226	478.209	478.137	478.075	477.957	478.011	478.260	478.275	12
13	478.264	478.263	478.248	478.241	478.218	478.207	478.144	478.073	477.959	478.020	478.263	478.273	13
14	478.269	478.255	478.248	478.240	478.229	478.212	478.137	478.072	477.953	478.035	478.260	478.271	14
15	478.269	478.258	478.248	478.238	478.242	478.206	478.139	478.078	477.948	478.054	478.268	478.269	15
16	478.268	478.259	478.245	478.240	478.234	478.200	478.132	478.077	477.951	478.068	478.263	478.271	16
17	478.268	478.259	478.246	478.236	478.236	478.206	478.128	478.078	477.952	478.085	478.263	478.269	17
18	478.267	478.259	478.247	478.234	478.237	478.205	478.123	478.070	477.941	478.103	478.261	478.272	18
19	478.263	478.259	478.245	478.231	478.233	478.204	478.123	478.071	477.941	478.117	478.262	478.275	19
20	478.261	478.256	478.244	478.227	478.233	478.201	478.112	478.068	477.938	478.131	478.258	478.274	20
21	478.265	478.256	478.243	478.229	478.230	478.197	478.112	478.078	477.933	478.132	478.262	478.272	21
22	478.264	478.254	478.245	478.228	478.229	478.188	478.106	478.075	477.937	478.155	478.263	478.273	22
23	478.272	478.250	478.247	478.224	478.223	478.185	478.107	478.068	477.934	478.155	478.262	478.274	23
24	478.267	478.248	478.244	478.226	478.218	478.182	478.094	478.062	477.936	478.165	478.268	478.271	24
25	478.266	478.248	478.243	478.221	478.224	478.179	478.081	478.052	477.929	478.171	478.266	478.269	25
26	478.269	478.249	478.240	478.219	478.222	478.187	478.090	478.047	477.928	478.175	478.267	478.271	26
27	478.267	478.250	478.244	478.213	478.225	478.188	478.087	478.040	477.920	478.184	478.267	478.272	27
28	478.266	478.250	478.246	478.213	478.231	478.182	478.087	478.031	477.924	478.188	478.270	478.271	28
29	478.266	478.250	478.247	478.210	478.229	478.155	478.088	478.022	477.924	478.199	478.270	478.274	29
30	478.262		478.245	478.212	478.226	478.161	478.084	478.020	477.930	478.208	478.270	478.278	30
31	478.265		478.242		478.226		478.081	478.018		478.221		478.280	31
MEAN	478.268	478.257	478.247	478.235	478.228	478.199	478.127	478.068	477.958	478.068	478.257	478.272	MEAN
MAX	478.280	478.263	478.252	478.253	478.242	478.228	478.172	478.104	478.011	478.221	478.270	478.280	MAX
MIN	478.261	478.248	478.240	478.210	478.218	478.155	478.081	478.018	477.920	477.920	478.223	478.268	MIN

WATER LEVELS IN METRES

SUMMARY FOR THE YEAR 1988

MEAN, 478.182
MAXIMUM DAILY, 478.280 ON JAN 2
MINIMUM DAILY, 477.920 ON SEP 27
MAXIMUM INSTANTANEOUS,
478.283 AT 08:46 CST ON DEC 31

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 41 34 N
LONG 103 37 15 W

REGULATED

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

KEELEY RIVER AT OUTLET OF KEELEY LAKE - STATION NO. 06BD004

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.41	1.28E	1.40E	1.63	2.24	3.34	3.54	5.36	7.98	5.44	4.01	3.67	1
2	1.41	1.28E	1.40E	1.63	2.32	3.44	3.46	5.34	7.91	5.32	4.10	3.67	2
3	1.39	1.28E	1.41E	1.62	2.35	3.40	3.47	5.22	7.83	5.29	3.93	3.65	3
4	1.39A	1.28E	1.42E	1.60	2.39	3.46	3.57	5.17	7.70	5.27	3.95	3.65	4
5	1.38E	1.28E	1.43E	1.66	2.42	3.27	3.67	5.05	7.75	5.15	3.92	3.61	5
6	1.38E	1.28E	1.43E	1.58	2.47	3.33	5.39	5.17	7.77	5.04	3.98	3.48	6
7	1.36E	1.28E	1.44E	1.70	2.53	3.30	5.37	5.34	7.75	4.98	4.24	3.49	7
8	1.35E	1.27E	1.44E	1.74	2.56	3.38	5.18	5.28	7.57	5.05	4.08	3.51	8
9	1.35E	1.27E	1.45E	1.73	2.58	3.71	4.99	5.17	7.18	5.02	4.02	3.46	9
10	1.34E	1.27E	1.45E	1.71	2.61	3.52	5.03	5.11	7.09	4.88	4.14	3.44	10
11	1.34E	1.27E	1.46E	1.71	2.65	3.85	5.42	5.05	7.03	4.80	3.91	3.30	11
12	1.34E	1.27E	1.46E	1.70	2.64	3.76	5.51	5.00	6.91	4.83	3.95	3.29	12
13	1.33E	1.27E	1.47E	1.69	2.67	3.43	5.88	4.96	6.77	4.76	3.93	3.30	13
14	1.33E	1.28E	1.47E	1.71	2.70	3.43	5.84	4.95	6.69	4.75	3.90	3.32	14
15	1.33E	1.28E	1.48E	1.74	2.80	3.60	6.02	4.92	6.62	4.81	3.87	3.27	15
16	1.32E	1.28E	1.48E	1.78	2.80	3.55	6.12	4.84	6.42	4.86	3.85	3.26	16
17	1.32E	1.29E	1.48E	1.80	2.84	3.54	6.10	4.88	6.45	4.72	3.83	3.22	17
18	1.31E	1.29E	1.49E	1.85	2.86	3.61	6.11	4.84	6.34	4.60	3.85	3.18	18
19	1.31E	1.30E	1.49E	1.89	2.90	3.75	5.75	5.07	6.25	4.50	3.80	3.26	19
20	1.31E	1.30E	1.50E	1.93	2.96	3.43	5.84	5.09	6.19	4.46	3.82	3.14	20
21	1.30E	1.31E	1.50E	1.94	3.02	3.42	6.01	5.28	6.14	4.39	3.80	3.10	21
22	1.30E	1.33E	1.51A	1.99	2.97	3.34	5.90	5.88	6.04	4.53	3.81	3.09	22
23	1.30E	1.34E	1.49	2.02	2.94	3.38	6.16	6.17	5.94	4.23	3.83	3.10	23
24	1.30E	1.35E	1.51	2.04	2.96	3.47	5.91	6.31	5.84	4.22	3.82	3.09	24
25	1.30E	1.36E	1.51	2.02	2.94	3.39	5.90	6.84	5.75	4.16	3.70	3.09	25
26	1.30E	1.37E	1.61	1.98	2.95	3.29	5.86	7.06	5.83	4.17	3.75	3.08	26
27	1.30E	1.38E	1.67	2.07	2.97	3.22	5.77	7.46	5.86	4.19	3.72	3.08	27
28	1.30E	1.38E	1.70	2.09	2.97	3.27	5.70	7.74	5.75	4.19	3.70	3.07	28
29	1.29E	1.39E	1.68	2.12	2.93	3.28	5.50	7.90	5.65	4.11	3.68	3.08	29
30	1.29E		1.68	2.21	2.97	3.86	5.65	8.12	5.77	4.03	3.66	3.07	30
31	1.29E		1.64		3.28		5.60	8.19		4.18		3.08	31
TOTAL	41.19	37.83	46.38	54.79	85.28	103.90	166.21	177.88	200.67	144.80	116.60	102.10	TOTAL
MEAN	1.33	1.30	1.50	1.83	2.75	3.46	5.36	5.73	6.69	4.67	3.89	3.29	MEAN
MAX	1.41	1.39	1.70	2.21	3.28	3.86	6.16	8.19	7.98	5.44	4.24	3.67	MAX
MIN	1.29	1.27	1.40	1.58	2.24	3.22	3.46	4.84	5.63	4.03	3.66	3.07	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 3.49
MAXIMUM DAILY, 8.19 ON AUG 31
MINIMUM DAILY, 1.27E ON FEB 8
MAXIMUM INSTANTANEOUS,
8.36 AT 14:24 CST ON AUG 31

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 54 55 10 N
LONG 108 03 20 W
DRAINAGE AREA, 1 020 km²
A - MANUAL GAUGE

E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	3 550	JUL	14 400
FEB	3 270	AUG	15 400
MAR	4 010	SEP	17 300
APR	4 730	OCT	12 500
MAY	7 370	NOV	10 100
JUN	8 990	DEC	8 820

TOTAL DISCHARGE, 110 000 dam³

KELSEY CREEK NEAR GARRICK - STATION NO. 06KE007

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0B	0 B	0.009	0	0	0	0	0	---	---	1
2	---	---	0B	0 B	0.007	0	0	0	0	0	---	---	2
3	---	---	0B	0 B	0.011	0	0	0	0	0	---	---	3
4	---	---	0B	0 B	0.006	0	0	0	0	0	---	---	4
5	---	---	0B	0 B	0.004	0	0	0	0	0	---	---	5
6	---	---	0B	0 B	0.003	0	0	0	0	0	---	---	6
7	---	---	0B	0.065B	0.003	0	0	0	0	0	---	---	7
8	---	---	0B	0.225B	0.002	0	0	0	0	0	---	---	8
9	---	---	0B	0.230B	0.001	0	0	0	0	0	---	---	9
10	---	---	0B	0.615B	0.001	0	0	0	0	0	---	---	10
11	---	---	0B	2.91 B	0.001	0	0	0	0	0	---	---	11
12	---	---	0B	5.91 B	0.001	0	0	0	0	0	---	---	12
13	---	---	0B	4.42	0.001	0	0	0	0	0	---	---	13
14	---	---	0B	2.88	0.002	0	0	0	0	0	---	---	14
15	---	---	0B	1.70	0.006	0	0	0	0	0	---	---	15
16	---	---	0B	1.08	0.009	0	0	0	0	0	---	---	16
17	---	---	0B	0.808	0.011	0	0	0	0	0	---	---	17
18	---	---	0B	0.335	0.008	0	0	0	0	0	---	---	18
19	---	---	0B	0.251	0.006	0	0	0	0	0	---	---	19
20	---	---	0B	0.203	0.006	0	0	0	0	0	---	---	20
21	---	---	0B	0.148	0.002	0	0	0	0	0	---	---	21
22	---	---	0B	0.121	0	0	0	0	0	0	---	---	22
23	---	---	0B	0.105	0	0	0	0	0	0	---	---	23
24	---	---	0B	0.088	0	0	0	0	0	0	---	---	24
25	---	---	0B	0.068	0	0	0	0	0	0	---	---	25
26	---	---	0B	0.083	0	0	0	0	0	0	---	---	26
27	---	---	0B	0.073	0	0	0	0	0	0	---	---	27
28	---	---	0B	0.055	0	0	0	0	0	0	---	---	28
29	---	---	0B	0.036	0	0	0	0	0	0	---	---	29
30	---		0B	0.024	0	0	0	0	0	0	---	---	30
31	---		0B		0		0	0		0		---	31
TOTAL	---	---	0	22.170	0.103	0	0	0	0	0	---	---	TOTAL
MEAN	---	---	0	0.739	0.003	0	0	0	0	0	---	---	MEAN
MAX	---	---	0	5.91	0.011	0	0	0	0	0	---	---	MAX
MIN	---	---	0	0	0	0	0	0	0	0	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.091
MAXIMUM DAILY, 5.91B ON APR 12
MINIMUM DAILY, 0B ON MAR 1
MAXIMUM INSTANTANEOUS,
6.95B AT 19:12 CST ON APR 12

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 53 28 53 N
LONG 104 19 33 W
DRAINAGE AREA, 186 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	0
FEB	---	AUG	0
MAR	0	SEP	0
APR	1 920	OCT	0
MAY	8.90	NOV	---
JUN	0	DEC	---

TOTAL DISCHARGE, 1 930 dam³

KENOSEE LAKE NEAR CARLYLE - STATION NO. 05ND003

DAILY WATER LEVEL IN METRES FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	737.880A	737.917E	737.913	737.987	737.824	737.698	737.583	737.521E	---	---	1
2	---	---	737.880E	737.918E	737.948	737.956	737.821	737.701	737.580	737.518E	---	---	2
3	---	---	737.882E	737.920E	737.966	737.951	737.816	737.705	737.575	737.514E	---	---	3
4	---	---	737.883E	737.921E	737.968	737.944	737.811	737.699	737.571	737.511E	---	---	4
5	---	---	737.884E	737.923E	737.966	737.934	737.807	737.693	737.566	737.507A	---	---	5
6	---	---	737.886E	737.925E	737.965	737.925	737.810	737.689	737.566	737.505E	---	---	6
7	---	---	737.886E	737.926A	737.974	737.919	737.817	737.681	737.564	737.502E	---	---	7
8	---	---	737.888E	737.924E	737.987	737.911	737.808	737.674	737.560A	737.500E	---	---	8
9	---	---	737.889E	737.923E	737.990	737.906	737.802	737.669	737.536A	737.498E	---	---	9
10	---	---	737.891A	737.922E	737.986	737.901	737.794	737.663	737.530E	737.496E	---	---	10
11	---	---	737.891E	737.921E	737.987	737.892	737.787	737.660	737.530E	737.495E	---	---	11
12	---	---	737.892E	737.920E	737.984	737.889	737.781	737.657	737.558E	737.493E	---	---	12
13	---	---	737.894E	737.918E	737.990	737.883	737.784	737.654	737.557A	737.491E	---	---	13
14	---	---	737.895E	737.916A	737.988	737.886	737.779	737.652	737.556	737.490E	---	---	14
15	---	---	737.896E	737.916	737.994	737.885	737.774	737.648	737.555	737.488E	---	---	15
16	---	---	737.898E	737.916	737.992	737.880	737.767	737.647	737.555	737.486E	---	---	16
17	---	---	737.899E	737.917	737.990	737.874	737.761	737.645	737.552	737.485E	---	---	17
18	---	---	737.900E	737.914	737.987	737.873	737.758	737.644	737.552	737.484E	---	---	18
19	---	---	737.902E	737.914	737.988	737.868	737.754	737.642	737.557	737.482E	---	---	19
20	---	---	737.903E	737.911	737.987	737.859	737.751	737.636	737.556	737.480E	---	---	20
21	---	---	737.904E	737.911	737.986	737.856	737.748	737.642	737.555	737.479E	---	---	21
22	---	---	737.905E	737.911	737.988	737.851	737.741	737.641	737.552	737.478E	---	---	22
23	---	---	737.906E	737.908	737.984	737.844	737.732	737.630	737.547	737.477E	---	---	23
24	---	---	737.907E	737.907	737.979	737.841	737.724	737.624	737.544	737.476E	---	---	24
25	---	---	737.908E	737.904	737.976	737.829	737.716	737.617	737.542	737.476E	---	---	25
26	---	---	737.910E	737.903	737.973	737.823	737.711	737.613	737.540	737.475E	---	---	26
27	---	---	737.911E	737.901	737.971	737.815	737.710	737.606	737.537	737.475E	---	---	27
28	---	---	737.913E	737.898	737.970	737.813	737.713	737.601	737.535A	737.474E	---	---	28
29	---	---	737.915E	737.896	737.967	737.800	737.708	737.596	737.531E	737.472E	---	---	29
30	---		737.916E	737.897	737.964	737.822	737.703	737.591	737.526E	737.470E	---	---	30
31	---		737.917E		737.960		737.694	737.587		737.470A		---	31
MEAN	---	---	737.898	737.914	737.976	737.880	737.765	737.646	737.552	737.488	---	---	MEAN
MAX	---	---	737.917	737.926	737.994	737.987	737.824	737.705	737.583	737.521	---	---	MAX
MIN	---	---	737.880	737.896	737.913	737.800	737.694	737.587	737.526	737.470	---	---	MIN

WATER LEVELS IN METRES

SUMMARY FOR THE YEAR 1988

MAXIMUM DAILY, 737.994 ON MAY 15

MAXIMUM INSTANTANEOUS,
737.998 AT 22:00 CST ON MAY 14

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 40 55 N
LONG 102 17 28 W

A - MANUAL GAUGE

E - ESTIMATED

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

KINGSMERE LAKE AT THE OUTLET STRUCTURE - STATION NO. 05CA007

DAILY WATER LEVEL IN METRES FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	---	---	---	8.497	---	---	8.287	---	1
2	---	---	---	---	---	---	8.533	8.517	---	---	---	---	2
3	---	---	---	---	---	---	---	---	---	---	---	---	3
4	---	---	---	---	---	---	8.532	---	---	---	---	---	4
5	---	---	---	---	---	---	8.532	---	---	---	---	---	5
6	---	---	---	---	---	---	---	---	---	---	---	---	6
7	---	---	---	---	---	---	---	---	---	---	---	---	7
8	---	---	---	---	---	---	8.542	---	---	---	---	---	8
9	---	---	---	---	---	8.530	8.533	---	---	---	---	---	9
10	---	---	---	---	---	8.522	---	---	8.511	---	---	---	10
11	---	---	---	---	---	---	---	---	---	---	---	---	11
12	---	---	---	---	---	8.540	8.518	8.517	---	---	---	---	12
13	---	---	---	---	---	---	8.531	---	---	---	---	---	13
14	---	---	---	---	---	8.536	---	---	---	---	---	---	14
15	---	---	---	---	---	---	8.544	---	---	---	---	---	15
16	---	---	---	---	---	8.528	---	8.518	---	---	---	---	16
17	---	---	---	---	---	---	---	---	---	---	---	---	17
18	---	---	---	---	---	---	---	8.490	8.477	---	---	---	18
19	---	---	---	---	---	8.537	---	8.510	---	---	---	---	19
20	---	---	---	---	---	8.527	8.533	---	---	---	---	---	20
21	---	---	---	---	---	---	8.530	8.549	---	---	---	---	21
22	---	---	---	---	---	---	---	8.572	8.473	---	---	---	22
23	---	---	---	---	---	8.515	---	8.576	8.481	---	---	---	23
24	---	---	---	---	---	8.563	8.514	8.587	---	---	---	---	24
25	---	---	---	---	---	---	---	8.574	---	---	---	---	25
26	---	---	---	---	---	---	---	---	---	---	---	---	26
27	---	---	---	---	---	8.544	8.520	---	---	---	---	---	27
28	---	---	---	---	---	---	---	---	---	---	---	---	28
29	---	---	---	---	---	---	---	---	---	---	---	---	29
30	---		---	---	---	8.536	8.512	8.563	8.481	---	---	---	30
31	---		---		---		8.502	---		---		---	31
MEAN	---	---	---	---	---	---	---	---	---	---	---	---	MEAN
MAX	---	---	---	---	---	---	---	---	---	---	---	---	MAX
MIN	---	---	---	---	---	---	---	---	---	---	---	---	MIN

WATER LEVELS IN METRES

SUMMARY FOR THE YEAR 1988

MAXIMUM DAILY, 8.587 ON AUG 24

TYPE OF GAUGE - MANUAL
LOCATION - LAT 54 02 10 N
LONG 106 28 12 W

REGULATED SINCE 1930

WATER LEVELS ARE REFERRED TO ASSUMED DATUM

KIPABISKAU LAKE NEAR MCKAGUE - STATION NO. 05LA007

DAILY WATER LEVEL IN METRES FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	---	513.530	513.395	513.336	513.342	513.298	513.278	---	1
2	---	---	---	---	---	513.527	513.392	513.357	513.341	513.298	---	---	2
3	---	---	---	---	---	513.525	513.379	513.353	513.335	513.295	---	---	3
4	---	---	---	---	---	513.524	513.387	513.360	513.333	513.291	---	---	4
5	---	---	---	---	---	513.508	513.397	513.357	513.332	513.289	---	---	5
6	---	---	---	---	---	513.508	513.400	513.368	513.328	513.287	---	---	6
7	---	---	---	---	---	513.498	513.396	513.343	513.311	513.285	---	---	7
8	---	---	---	---	---	513.488	513.394	513.336	513.311	513.284	---	---	8
9	---	---	---	---	---	513.484	513.390	513.338	513.310	513.284	---	---	9
10	---	---	---	---	---	513.476	513.385	513.339	513.310	513.284	---	---	10
11	---	---	---	---	---	513.481	513.384	513.336	513.307	513.284	---	---	11
12	---	---	---	---	513.623	513.468	513.384	513.338	513.304	513.282	---	---	12
13	---	---	---	---	513.623	513.467	513.384	513.334	513.301	513.282	---	---	13
14	---	---	---	---	513.622	513.467	513.385	513.333	513.293	513.281	---	---	14
15	---	---	---	---	513.622	513.468	513.394	513.349	513.292	513.279	---	---	15
16	---	---	---	---	513.621	513.459	513.390	513.347	513.293	513.278	---	---	16
17	---	---	---	---	513.620	513.449	513.388	513.355	513.297	513.277	---	---	17
18	---	---	---	---	513.618	513.448	513.381	513.353	513.299	513.276	---	---	18
19	---	---	---	---	513.616	513.447	513.378	513.365	513.298	513.287	---	---	19
20	---	---	---	---	513.604	513.447	513.375	513.368	513.298	513.288	---	---	20
21	---	---	---	---	513.603	513.435	513.374	513.361	513.290	513.278	---	---	21
22	---	---	---	---	513.591	513.434	513.369	513.365	513.288	513.276	---	---	22
23	---	---	---	---	513.578	513.433	513.366	513.370	513.287	513.274	---	---	23
24	---	---	---	---	513.576	513.431	513.359	513.368	513.282	513.274	---	---	24
25	---	---	---	---	513.566	513.431	513.356	513.363	513.280	513.274	---	---	25
26	---	---	---	---	513.568	513.425	513.354	513.362	513.288	513.278	---	---	26
27	---	---	---	---	513.562	513.412	513.350	513.358	513.287	513.280	---	---	27
28	---	---	---	---	513.559	513.411	513.335	513.356	513.298	513.280	---	---	28
29	---	---	---	---	513.556	513.402	513.344	513.353	513.287	513.279	---	---	29
30	---		---	---	513.553	513.399	513.342	513.348	513.286	513.279	---	---	30
31	---		---		513.543		513.340	513.342		513.278		---	31
MEAN	---	---	---	---	---	513.463	513.374	513.351	513.303	513.282	---	---	MEAN
MAX	---	---	---	---	---	513.530	513.400	513.370	513.342	513.298	---	---	MAX
MIN	---	---	---	---	---	513.399	513.335	513.333	513.280	513.274	---	---	MIN

SUMMARY FOR THE YEAR 1988

WATER LEVELS IN METRES

MINIMUM DAILY, 513.274 ON OCT 23

TYPE OF GAUGE - MANUAL
LOCATION - LAT 52 34 16 N
LONG 104 11 04 W
DATA CONTRIBUTED BY -
SASKATCHEWAN WATER CORPORATION

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

KNOX COULEE NEAR TUXFORD - STATION NO. 05JG016

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0	0.001	0	0	0	0	0	0	---	---	1
2	---	---	0	0.001	0	0	0	0	0	0	---	---	2
3	---	---	0	0	0	0	0	0	0	0	---	---	3
4	---	---	0	0	0	0	0	0	0	0	---	---	4
5	---	---	0	0	0	0	0	0	0	0	---	---	5
6	---	---	0	0	0	0	0	0	0	0	---	---	6
7	---	---	0	0	0	0	0	0	0	0	---	---	7
8	---	---	0	0	0	0	0	0	0	0	---	---	8
9	---	---	0	0	0	0	0	0	0	0	---	---	9
10	---	---	0	0	0	0	0	0	0	0	---	---	10
11	---	---	0	0	0	0	0	0	0	0	---	---	11
12	---	---	0	0	0	0	0	0	0	0	---	---	12
13	---	---	0	0	0	0	0	0	0	0	---	---	13
14	---	---	0	0	0	0	0	0	0	0	---	---	14
15	---	---	0	0	0	0	0	0	0	0	---	---	15
16	---	---	0	0	0	0	0	0	0	0	---	---	16
17	---	---	0	0	0	0	0	0	0	0	---	---	17
18	---	---	0	0	0	0	0	0	0	0	---	---	18
19	---	---	0	0	0	0	0	0	0	0	---	---	19
20	---	---	0	0	0	0	0	0	0	0	---	---	20
21	---	---	0	0	0	0	0	0	0	0	---	---	21
22	---	---	0	0	0	0	0	0	0	0	---	---	22
23	---	---	0	0	0	0	0	0	0	0	---	---	23
24	---	---	0	0	0	0	0	0	0	0	---	---	24
25	---	---	0	0	0	0	0	0	0	0	---	---	25
26	---	---	0	0	0	0	0	0	0	0	---	---	26
27	---	---	0	0	0	0	0	0	0	0	---	---	27
28	---	---	0	0	0	0	0	0	0	0	---	---	28
29	---	---	0	0	0	0	0	0	0	0	---	---	29
30	---		0	0	0	0	0	0	0	0	---	---	30
31	---		0.001		0		0	0		0		---	31
TOTAL	---	---	0.001	0.002	0	0	0	0	0	0	---	---	TOTAL
MEAN	---	---	0	0	0	0	0	0	0	0	---	---	MEAN
MAX	---	---	0.001	0.001	0	0	0	0	0	0	---	---	MAX
MIN	---	---	0	0	0	0	0	0	0	0	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0
MAXIMUM DAILY, 0.001 ON MAR 31
MINIMUM DAILY, 0 ON MAR 1
MAXIMUM INSTANTANEOUS,
0.002 AT 18:18 CST ON MAR 31

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 41 41 N
LONG 105 38 05 W
DRAINAGE AREA, 24.1 km^2

REGULATED

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	0
FEB	---	AUG	0
MAR	0.08	SEP	0
APR	0.17	OCT	0
MAY	0	NOV	---
JUN	0	DEC	---

TOTAL DISCHARGE, 0.26 dam^3

KOHLESCHMIDT CREEK NEAR ROSTHERN - STATION NO. 05HH003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0B	0 B	0.045	0	0	0	0	0	---	---	1
2	---	---	0B	0 B	0.017	0	0	0	0	0	---	---	2
3	---	---	0B	0 B	0.002	0	0	0	0	0	---	---	3
4	---	---	0B	0 B	0	0	0	0	0	0	---	---	4
5	---	---	0B	0 B	0	0	0	0	0	0	---	---	5
6	---	---	0B	1.07 B	0	0	0	0	0	0	---	---	6
7	---	---	0B	7.71 B	0	0	0	0	0	0	---	---	7
8	---	---	0B	11.3 B	0	0	0	0	0	0	---	---	8
9	---	---	0B	8.81	0	0	0	0	0	0	---	---	9
10	---	---	0B	5.39	0	0	0	0	0	0	---	---	10
11	---	---	0B	4.07	0	0	0	0	0	0	---	---	11
12	---	---	0B	3.02	0	0	0	0	0	0	---	---	12
13	---	---	0B	2.07	0	0	0	0	0	0	---	---	13
14	---	---	0B	1.44	0	0	0	0	0	0	---	---	14
15	---	---	0B	0.993	0	0	0	0	0	0	---	---	15
16	---	---	0B	0.788	0	0	0	0	0	0	---	---	16
17	---	---	0B	0.640	0	0	0	0	0	0	---	---	17
18	---	---	0B	0.484	0	0	0	0	0	0	---	---	18
19	---	---	0B	0.442	0	0	0	0	0	0	---	---	19
20	---	---	0B	0.393	0	0	0	0	0	0	---	---	20
21	---	---	0B	0.352	0	0	0	0	0	0	---	---	21
22	---	---	0B	0.326	0	0	0	0	0	0	---	---	22
23	---	---	0B	0.314	0	0	0	0	0	0	---	---	23
24	---	---	0B	0.326	0	0	0	0	0	0	---	---	24
25	---	---	0B	0.314	0	0	0	0	0	0	---	---	25
26	---	---	0B	0.293	0	0	0	0	0	0	---	---	26
27	---	---	0B	0.288	0	0	0	0	0	0	---	---	27
28	---	---	0B	0.568	0	0	0	0	0	0	---	---	28
29	---	---	0B	0.232	0	0	0	0	0	0	---	---	29
30	---		0B	0.097	0	0	0	0	0	0	---	---	30
31	---		0B		0		0	0		0		---	31
TOTAL	---	---	0	49.785	0.064	0	0	0	0	0	---	---	TOTAL
MEAN	---	---	0	1.66	0.002	0	0	0	0	0	---	---	MEAN
MAX	---	---	0	11.3	0.045	0	0	0	0	0	---	---	MAX
MIN	---	---	0	0	0	0	0	0	0	0	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.203
MAXIMUM DAILY, 11.30 ON APR 8
MINIMUM DAILY, 0B ON MAR 1
MAXIMUM INSTANTANEOUS,
13.88 AT 05:13 CST ON APR 8

TYPE OF GAUGE - RECORDING
LOCATION - LAT 52 44 50 N
LONG 106 22 05 W
DRAINAGE AREA, 380 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	0
FEB	---	AUG	0
MAR	0	SEP	0
APR	4 300	OCT	0
MAY	5.53	NOV	---
JUN	0	DEC	---

TOTAL DISCHARGE, 4 310 dam³

LAC DES ILES NEAR GOODSOIL - STATION NO. 06AF005

DAILY WATER LEVEL IN METRES FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	---	28.157	28.235	28.537	28.785	28.804	28.675	---	1
2	---	---	---	---	---	28.155	28.245	28.541	28.785	28.789	28.673	---	2
3	---	---	---	---	---	28.157	28.272	28.545	28.785	28.763E	28.676	---	3
4	---	---	---	---	---	28.157	28.275	28.555	28.788	28.766	28.667	---	4
5	---	---	---	---	---	28.155	28.277	28.560	28.788	28.762	28.666	---	5
6	---	---	---	---	---	28.157	28.328	28.580	28.788	28.780	28.665	---	6
7	---	---	---	---	---	28.170	28.325	28.581	28.788	28.776	28.665	---	7
8	---	---	---	---	---	28.170	28.325	28.581	28.788	28.774	28.665	---	8
9	---	---	---	---	---	28.175	28.325	28.583	28.788	28.768	28.663	---	9
10	---	---	---	---	28.100	28.179	28.335	28.589	28.808	28.766	28.657	---	10
11	---	---	---	---	28.115	28.183	28.335	28.601	28.808	28.766	28.651	---	11
12	---	---	---	---	28.119	28.183	28.335	28.603	28.808	28.760	28.645	---	12
13	---	---	---	---	28.119	28.185	28.337	28.605	28.808	28.758	28.639	---	13
14	---	---	---	---	28.131	28.185	28.395	28.607	28.808	28.751	28.635	---	14
15	---	---	---	---	28.137	28.187	28.423	28.610	28.808	28.751	28.627	---	15
16	---	---	---	---	28.137	28.187	28.425	28.605	28.808	28.751	28.619	---	16
17	---	---	---	---	28.138	28.187	28.435	28.615	28.810	28.751	28.617	---	17
18	---	---	---	---	28.143	28.187	28.445	28.615	28.812	28.747	28.611	---	18
19	---	---	---	---	28.145	28.187	28.455	28.635	28.814	28.743	28.605	---	19
20	---	---	---	---	28.135	28.188	28.483	28.665	28.814	28.738	28.599	---	20
21	---	---	---	---	28.135	28.191	28.480	28.695	28.814	28.738	28.595	---	21
22	---	---	---	---	28.135	28.188	28.483	28.731	28.812	28.727	28.589	---	22
23	---	---	---	---	28.135	28.189	28.487	28.737	28.810	28.723	28.588	---	23
24	---	---	---	---	28.135	28.189	28.494	28.747	28.810	28.717	28.588	---	24
25	---	---	---	---	28.135	28.191	28.497	28.755	28.808	28.711	28.588	---	25
26	---	---	---	---	28.135	28.191	28.501	28.763	28.804	28.707	28.588	---	26
27	---	---	---	---	28.133	28.191	28.508	28.771	28.804	28.701	28.588	---	27
28	---	---	---	---	28.135	28.195	28.515	28.778	28.808	28.697	---	---	28
29	---	---	---	---	28.137	28.205	28.525	28.781	28.808	28.688	---	---	29
30	---		---	---	28.157	28.205	28.525	28.781	28.804	28.683	---	---	30
31	---		---		28.155		28.535	28.783		28.677		---	31
MEAN	---	---	---	---	---	28.181	28.404	28.651	28.804	28.748	---	---	MEAN
MAX	---	---	---	---	---	28.205	28.535	28.783	28.814	28.804	---	---	MAX
MIN	---	---	---	---	---	28.155	28.235	28.537	28.785	28.677	---	---	MIN

SUMMARY FOR THE YEAR 1988

WATER LEVELS IN METRES

MAXIMUM DAILY, 28.814 ON SEP 19

TYPE OF GAUGE - MANUAL
LOCATION - LAT 54 26 27 N
LONG 109 16 51 W
DATA CONTRIBUTED BY -
SASKATCHEWAN WATER CORPORATION

E - ESTIMATED

WATER LEVELS ARE REFERRED TO ASSUMED DATUM

LAC LA RONGE AT LA RONGE - STATION NO. 06CB001

DAILY WATER LEVEL IN METRES FOR 1986

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	363.815	363.846	363.856	363.855	363.906	364.032	364.027	364.015	363.984	363.930	363.853	363.831	1
2	363.813	363.843	363.855	363.865	363.909	364.0[illegible]	364.018	364.017	364.001	363.923	363.844	363.831	2
3	363.810	363.842	363.855	363.868	363.913	364.03[illegible]	364.036	364.005	364.003	363.921	363.857	363.831	3
4	363.814	363.838	363.851	363.864	363.916	364.033	364.038	364.008	364.008	363.913	363.854	363.831	4
5	363.816	363.837	363.850	363.862	363.925	364.043	364.041	364.000	364.002	363.915	363.845	363.830	5
6	363.814	363.840	363.854	363.867	363.928	364.047	364.035	364.032	363.999	363.916	363.860	363.827	6
7	363.814	363.841	363.850	363.863	363.931	364.048	363.993	364.017	363.957	363.916	363.831	363.826	7
8	363.821	363.838	363.851	363.881	363.937	364.045	363.982	364.017	363.922	363.908	363.823	363.828	8
9	363.819	363.839	363.851	363.890	363.941	364.038	364.014	364.016	363.973	363.888	363.824	363.831	9
10	363.818	363.843	363.854	363.894	363.943	364.042	364.016	364.008	363.965	363.912	363.841	363.833	10
11	363.819	363.843	363.857	363.893	363.943	364.039	364.020	364.019	363.989	363.915	363.895	363.830	11
12	363.821	363.840	363.855	363.886	363.950	364.008	364.024	364.019	363.965	363.908	363.841	363.830	12
13	363.823	363.840	363.857	363.889	363.953	364.026	364.045	364.020	363.953	363.905	363.833	363.835	13
14	363.822	363.852	363.857	363.890	363.959	364.031	364.043	364.019	363.965	363.901	363.839	363.832	14
15	363.824	363.854	363.855	363.891	363.957	364.030	364.044	364.012	363.966	363.891	363.840	363.834	15
16	363.820	363.849	363.851	363.886	363.959	364.029	364.041	364.023	363.982	363.900	363.839	363.833	16
17	363.824	363.844	363.854	363.887	363.963	364.028	364.040	364.017	363.983	363.894	363.838	363.835	17
18	363.825	363.843	363.857	363.888	363.960	364.030	364.035	364.016	363.984	363.886	363.834	363.839	18
19	363.828	363.848	363.861	363.887	363.967	364.003	364.047	364.015	363.968	363.880	363.848	363.844	19
20	363.830	363.855	363.863	363.886	363.971	364.023	364.051	364.012	363.983	363.888	363.839	363.845	20
21	363.828	363.849	363.864	363.888	363.972	364.022	364.054	364.028	363.959	363.887	363.840	363.843	21
22	363.833	363.856	363.861	363.888	363.978	364.033	364.053	364.021	363.944	363.858	363.844	363.840	22
23	363.836	363.855	363.863	363.888	363.980	364.039	364.043	364.019	363.943	363.874	363.837	363.839	23
24	363.833	363.856	363.867	363.888	363.978	364.028	364.045	364.011	363.938	363.877	363.836	363.839	24
25	363.837	363.849	363.874	363.889	363.980	364.026	364.043	364.017	363.940	363.870	363.838	363.841	25
26	363.836	363.848	363.878	363.890	363.987	364.035	364.028	364.019	363.936	363.877	363.827	363.841	26
27	363.839	363.846	363.880	363.894	363.989	364.045	364.032	364.018	363.943	363.846	363.832	363.837	27
28	363.837	363.849	363.879	363.896	363.989	364.042	364.025	364.021	363.935	363.850	363.834	363.840	28
29	363.843	363.853	363.882	363.900	363.999	364.040	364.021	364.019	363.927	363.847	363.832	363.843	29
30	363.845		363.884	363.903	364.012	364.031	364.023	364.009	363.920	363.857	363.834	363.844	30
31	363.843		363.888		364.015		364.000	363.988		363.842		363.842	31
MEAN	363.828	363.848	363.862	363.880	363.959	364.032	364.031	364.015	363.963	363.881	363.840	363.838	MEAN
MAX	363.845	363.856	363.888	363.903	364.015	364.047	364.054	364.028	364.005	363.930	363.865	363.845	MAX
MIN	363.810	363.837	363.850	363.862	363.904	364.003	363.982	363.988	363.920	363.842	363.823	363.826	MIN

SUMMARY FOR THE YEAR 1986

WATER LEVELS IN METRES

MEAN, 363.918
MAXIMUM DAILY, 364.054 ON JUL 21
MINIMUM DAILY, 363.810 ON JAN 3
MAXIMUM INSTANTANEOUS,
364.067 AT 04:05 CST ON JUN 11

TYPE OF GAUGE - RECORDING
LOCATION - LAT 55 06 50 N
LONG 105 16 10 W

REGULATED SINCE 1966

DRAINAGE AREA,
15 500 km²

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

REMARKS - THE MAXIMUM INSTANTANEOUS WATER LEVEL OCCURRED AS A RESULT OF WIND EFFECT

LAC PELLETIER NEAR VESPER - STATION NO. 05HD036

DAILY WATER LEVEL IN METRES FOR 1986

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	828.878	828.828	---	---	828.863	828.437	828.305	---	---	1
2	---	---	---	---	---	828.772	828.710	---	---	828.307	---	---	2
3	---	---	---	828.877	828.828	---	828.696	828.873	---	---	---	---	3
4	---	---	---	---	---	828.768	---	828.868	---	828.288	---	---	4
5	---	---	---	828.877	828.840	---	828.722	---	---	---	---	---	5
6	---	---	---	---	---	828.768	---	---	---	---	---	---	6
7	---	---	---	---	---	---	---	828.851	---	---	---	---	7
8	---	---	---	---	---	828.784	828.804	---	---	828.281	---	---	8
9	---	---	828.838	828.877	828.828	---	---	828.842	---	---	---	---	9
10	---	---	---	---	---	828.782	---	---	828.301	828.278	---	---	10
11	---	---	---	---	828.828	---	828.868	828.838	828.408	---	---	---	11
12	---	---	---	---	---	---	---	---	---	---	---	---	12
13	---	---	---	828.867	---	828.758	828.871	---	---	828.285	---	---	13
14	---	---	---	---	828.834	---	---	828.818	828.273	---	---	---	14
15	---	---	---	---	---	828.758	---	---	---	---	---	---	15
16	---	---	---	828.857	---	---	---	---	---	---	---	---	16
17	---	---	---	---	828.820	---	---	---	828.348	---	---	---	17
18	---	---	---	828.863	828.808	---	828.855	828.801	828.357	828.241	---	---	18
19	---	---	---	---	828.810	---	---	---	---	---	---	---	19
20	---	---	828.848	828.861	---	---	828.851	828.488	---	828.238	---	---	20
21	---	---	---	828.858	---	---	---	828.487	---	---	---	---	21
22	---	---	828.853	---	828.808	---	828.835	---	828.348	828.229	---	---	22
23	---	---	828.859	828.853	---	---	---	828.478	---	---	---	---	23
24	---	---	---	---	---	---	---	---	828.348	828.305	---	---	24
25	---	---	---	828.851	828.788	---	828.833	828.473	---	828.308	---	---	25
26	---	---	828.857	---	---	---	---	---	828.328	828.305	---	---	26
27	---	---	---	828.847	---	---	---	828.481	---	---	---	---	27
28	---	---	---	---	828.792	---	828.808	828.485	---	---	---	---	28
29	---	828.832	---	---	---	[illegible]	---	---	828.317	828.323	---	---	29
30	---		828.871	828.840	828.788	[illegible]	828.595	828.445	828.311E	---	---	---	30
31	---		828.873E		828.788		828.588E	828.425		828.330E		---	31
MEAN	---	---	---	---	---	---	---	---	---	---	---	---	MEAN
MAX	---	---	---	---	---	---	---	---	---	---	---	---	MAX
MIN	---	---	---	---	---	---	---	---	---	---	---	---	MIN

SUMMARY FOR THE YEAR 1986

WATER LEVELS IN METRES

MAXIMUM DAILY, 828.877 ON APR 3
MINIMUM DAILY, 828.229 ON OCT 22

TYPE OF GAUGE - MANUAL
LOCATION - LAT 50 00 35 N
LONG 107 58 00 W

E - ESTIMATED

REGULATED

DRAINAGE AREA,
111 km²

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

LAKE ATHABASCA NEAR CRACKINGSTONE POINT - STATION NO. 07MC003

DAILY WATER LEVEL IN METRES FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	208.369	208.346	208.284	208.240	208.401	208.586	208.931	209.364	209.214	209.005	208.784E	208.683E	1
2	208.402	208.339	208.279	208.236	208.414	208.589	208.938	209.374	209.216	208.993	208.781E	208.676E	2
3	208.395	208.336	208.276	208.236	208.434	208.595	208.936	209.380	209.196	208.989	208.776E	208.686E	3
4	208.388	208.345	208.276	208.237	208.457	208.578	208.943	209.381	209.183	208.966	208.775E	208.700A	4
5	208.376	208.344	208.277	208.237	208.466	208.600	208.946	209.364	209.184	208.974A	208.769E	208.700A	5
6	208.387	208.343	208.272	208.233	208.480	208.592	208.957	209.368	209.187	208.974A	208.784E	208.697	6
7	208.397	208.344	208.275	208.231	208.492	208.595	208.974	209.355	209.179	208.974A	208.780E	208.684	7
8	208.388	208.344	208.274	208.237	208.501	208.618	208.992	209.349	209.201	208.983	208.757E	208.682	8
9	208.394	208.339	208.273	208.238	208.503	208.641	209.012	209.348	209.182	208.972A	208.753E	208.680	9
10	208.390	208.320	208.269	208.230	208.506	208.677	209.031	209.345	209.168	208.941A	208.750E	208.659	10
11	208.384	208.330	208.265	208.239	208.512	208.641	209.043	209.339	209.163	208.934A	208.731A	208.672	11
12	208.376	208.324	208.260	208.240	208.481	208.664	209.037	209.346	209.166	208.939A	208.733	208.672	12
13	208.384	208.322	208.261	208.234	208.483	208.687	209.020	209.340	209.150	208.931A	208.738	208.669	13
14	208.388	208.306	208.259	208.235	208.481	208.705	209.058	209.329	209.130	208.931A	208.738A	208.659	14
15	208.371	208.315	208.260	208.258	208.486	208.718	209.112	209.311	209.106	208.923A	208.734	208.687	15
16	208.379	208.310	208.260	208.265	208.481	208.742	209.133	209.314	209.113	208.908A	208.729	208.684	16
17	208.370	208.306	208.258	208.266	208.488	208.763	209.160	209.307	209.114	208.912A	208.731	208.660	17
18	208.373	208.301	208.250	208.262	208.497	208.793	209.172	209.302	209.103	208.891A	208.722	208.659	18
19	208.369	208.292	208.243	208.282	208.495	208.816	209.196	209.282	209.089	208.884A	208.711	208.662	19
20	208.363	208.291	208.244	208.260	208.507	208.806	209.214	209.288	209.103	208.868E	208.712	208.653	20
21	208.370	208.299	208.253	208.260	208.516	208.817	209.234	209.277	209.097	208.858A	208.710	208.648	21
22	208.364	208.309	208.248	208.268	208.501	208.823	209.269	209.275	209.078	208.848E	208.711A	208.645	22
23	208.365	208.300	208.246	208.278	208.507	208.840	209.308	209.284	209.073	208.835E	208.705	208.648	23
24	208.356	208.284	208.242	208.284	208.535	208.865	209.286	209.276	209.076	208.822A	208.708A	208.640	24
25	208.355	208.290	208.239	208.283	208.542	208.887	209.311	209.262	209.081	208.811A	208.708	208.635	25
26	208.362	208.287	208.238	208.286	208.545	208.887	209.334	209.241	209.031	208.782A	208.700	208.633	26
27	208.356	208.296	208.236	208.306	208.543	208.889	209.346	209.231	209.030	208.795A	208.685	208.632	27
28	208.355	208.289	208.241	208.320	208.538	208.897	209.340	209.235	209.023	208.799A	208.698	208.618	28
29	208.348	208.279	208.238	208.335	208.500	208.906	209.338	209.222	209.035	208.793E	208.692	208.604	29
30	208.348		208.233	208.369	208.543	208.915	209.361	209.228	209.022	208.790E	208.684A	208.600A	30
31	208.348		208.234		208.561		209.360	209.213		208.788E		208.604	31
MEAN	208.372	208.315	208.257	208.262	208.498	208.737	209.137	209.306	209.122	208.897	208.731	208.657	MEAN
MAX	208.402	208.346	208.284	208.369	208.561	208.915	209.361	209.381	209.216	209.005	208.784	208.700	MAX
MIN	208.348	208.279	208.233	208.230	208.401	208.569	208.937	209.213	209.022	208.782	208.684	208.600	MIN

WATER LEVELS IN METRES

SUMMARY FOR THE YEAR 1988

MEAN, 208.693
MAXIMUM DAILY, 209.381 ON AUG 4
MINIMUM DAILY, 208.230 ON APR 10
MAXIMUM INSTANTANEOUS,
209.449 AT 15:25 CST ON AUG 4

TYPE OF GAUGE - RECORDING
LOCATION - LAT 59 22 55 N
LONG 108 53 50 W

A - MANUAL GAUGE

E - ESTIMATED

REGULATED

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

REMARKS - THE MAXIMUM INSTANTANEOUS WATER LEVEL WAS PARTLY DUE TO WIND EFFECT

LAKE DIEFENBAKER AT GARDINER DAM - STATION NO. 05HF003

DAILY WATER LEVEL IN METRES FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	552.289	550.927	550.238	550.843	551.232	551.146	551.771	551.888	552.238	552.282	552.383	552.186	1
2	552.266	550.873	550.245	550.885	551.236	551.192	551.787	551.924	552.238	552.249	552.412	552.153	2
3	552.220	550.804	550.243	550.927	551.225	551.186	551.779	551.924	552.244	552.242	552.415	552.124	3
4	552.174	550.765	550.260	550.954	551.215	551.198	551.778	551.934	552.240	552.248	552.425	552.126	4
5	552.136	550.711	550.273	550.973	551.198	551.199	551.799	551.927	552.241	552.249	552.461	552.114	5
6	552.086	550.663	550.284	550.995	551.205	551.188	551.838	551.923	552.282	552.250	552.483	552.094	6
7	552.046	550.615	550.301	551.013	551.163	551.189	551.845	551.909	552.260	552.260	552.484	552.073	7
8	551.995	550.562	550.313	551.023	551.214	551.184	551.833	551.931	552.231	552.261	552.486	552.054	8
9	551.944	550.494	550.335	551.042	551.198	551.213	551.829	551.936	552.201	552.261	552.486	552.034	9
10	551.881	550.439	550.343	551.065	551.194	551.197	551.844	551.945	552.171	552.264	552.508	552.013	10
11	551.832	550.410	550.353	551.061	551.188	551.233	551.864	551.939	552.205	552.261	552.531	552.010	11
12	551.788	550.368	550.364	551.093	551.169	551.214	551.869	551.967	552.230	552.270	552.518	551.982	12
13	551.735	550.363	550.381	551.112	551.176	551.238	551.881	551.966	552.213	552.266	552.526	551.968	13
14	551.687	550.353	550.397	551.125	551.165	551.267	551.895	552.000	552.218	552.300	552.525	551.924	14
15	551.661	550.356	550.416	551.153	551.146	551.316	551.901	551.990	552.220	552.289	552.526	551.907	15
16	551.611	550.337	550.436	551.166	551.136	551.384	551.918	551.972	552.210	552.281	552.508	551.888	16
17	551.564	550.322	550.447	551.163	551.131	551.441	551.930	552.032	552.185	552.287	552.481	551.867	17
18	551.520	550.310	550.465	551.165	551.114	551.501	551.946	552.080	552.205	552.281	552.458	551.836	18
19	551.450	550.297	550.477	551.168	551.105	551.530	551.943	552.098	552.208	552.289	552.442	551.789	19
20	551.384	550.296	550.501	551.199	551.102	551.583	551.961	552.083	552.217	552.289	552.417	551.779	20
21	551.359	550.298	550.531	551.211	551.107	551.600	551.970	552.141	552.238	552.310	552.382	551.731	21
22	551.301	550.277	550.552	551.213	551.111	551.626	551.972	552.146	552.243	552.287	552.360	551.689	22
23	551.285	550.253	550.577	551.205	551.128	551.657	551.957	552.138	552.237	552.289	552.359	551.689	23
24	551.230	550.238	550.603	551.203	551.116	551.686	551.968	552.132	552.233	552.289	552.303	551.641	24
25	551.191	550.240	550.623	551.214	551.128	551.680	551.965	552.140	552.229	552.288	552.284	551.609	25
26	551.167	550.235	550.652	551.233	551.133	551.687	551.968	552.129	552.242	552.285	552.220	551.584	26
27	551.122	550.230	550.692	551.240	551.135	551.708	551.966	552.151	552.242	552.281	552.230	551.557	27
28	551.081	550.238	550.733	551.237	551.148	551.711	551.940	552.176	552.248	552.301	552.227	551.524	28
29	551.054	550.235	550.748	551.241	551.125	551.741	551.953	552.187	552.264	552.315	552.208	551.489	29
30	551.024		550.774	551.245	551.146	551.783	551.943	552.218	552.256	552.331	552.187	551.461	30
31	550.982		550.801		551.167		551.926	552.222		552.357		551.438	31
MEAN	551.615	550.432	550.463	551.115	551.160	551.407	551.895	552.037	552.229	552.283	552.406	551.849	MEAN
MAX	552.289	550.927	550.801	551.245	551.236	551.783	551.972	552.222	552.284	552.357	552.531	552.186	MAX
MIN	550.982	550.230	550.238	550.843	551.102	551.146	551.787	551.888	552.171	552.242	552.187	551.438	MIN

WATER LEVELS IN METRES

SUMMARY FOR THE YEAR 1988

MEAN, 551.578
MAXIMUM DAILY, 552.531 ON NOV 11
MINIMUM DAILY, 550.230 ON FEB 27
MAXIMUM INSTANTANEOUS,
552.582 AT 16:28 CST ON NOV 8

TYPE OF GAUGE - RECORDING
LOCATION - LAT 51 16 49 N
LONG 106 50 18 W

REGULATED SINCE 1966

WATER LEVELS ARE REFERRED TO TOPOGRAPHIC SURVEY DATUM

DRAINAGE AREA,
138 000 km²

REMARKS - THE MAXIMUM INSTANTANEOUS WATER LEVEL WAS PARTIALLY DUE TO WIND EFFECT

LAKE DIEFENBAKER AT SASKATCHEWAN LANDING - STATION NO. 05HC004

DAILY WATER LEVEL IN METRES FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	550.850E	550.203	550.821	551.217	551.185E	551.750A	552.056	552.217	552.252	---	---	1
2	---	550.800E	550.218	550.871	551.218	551.150E	551.788	551.918	552.243	552.269	---	---	2
3	---	550.750E	550.235	550.915	551.237	551.165E	551.738	551.926	552.253	552.273	---	---	3
4	---	550.710E	550.230	550.922	551.252	551.170E	551.787	551.940	552.271	552.268A	---	---	4
5	---	550.670E	550.234	550.948	551.268	551.170E	551.787	551.932	552.276	552.263A	---	---	5
6	---	550.610E	550.255	550.974	551.210	551.170E	551.788	551.909	552.237	552.268	---	---	6
7	---	550.560E	550.252	550.990	551.204	551.175E	551.748	551.906	552.157	552.272	---	---	7
8	---	550.480E	550.280	551.003	551.171	551.230A	551.827	551.922	552.141	552.265	---	---	8
9	---	550.440E	550.288	551.019	551.173	551.183A	551.884	551.930	552.230	552.253	---	---	9
10	---	550.418A	550.294	551.048	551.183	551.210	551.886	551.942	552.280	552.270	---	---	10
11	---	550.384	550.321	551.083	551.182	551.153	551.929	551.993	552.226	552.284	---	---	11
12	---	550.356	550.342	551.084	551.187	551.201	551.866	551.968	552.189	552.286	---	---	12
13	---	550.331	550.357	551.124	551.149	551.224	551.882	551.[illegible]	552.215	552.276	---	---	13
14	---	550.334	550.379	551.147	551.057	551.252	551.894	551.970	552.220	552.284	---	---	14
15	---	550.308	550.387	551.165	551.089	551.327	551.921	552.022	552.222	552.263	---	---	15
16	---	550.295	550.398	551.171	551.139	551.373	551.923	552.094	552.185	552.289	---	---	16
17	---	550.288	550.417	551.200	551.079	551.421	551.953	552.077	552.223	552.286	---	---	17
18	---	550.289	550.438	551.217	551.084	551.441	551.934	552.097	552.237	552.276	---	---	18
19	---	550.286	550.468	551.234	551.084	551.528	551.968	552.077	552.257	552.280	---	---	19
20	---	550.280	550.483	551.239	551.085	551.570	551.988	552.132	552.257	552.272	---	---	20
21	---	550.245	550.494	551.241	551.088A	551.610	551.998	552.054	552.227	552.283	---	---	21
22	---	550.235	550.529	551.243	551.100E	551.660	551.987	552.015	552.205	552.190	---	---	22
23	---	550.222	550.553	551.233	551.080E	551.620	551.957	552.113	552.252	552.276	---	---	23
24	---	550.219	550.563	551.221	551.110E	551.692	551.987	552.140	552.255	552.282	---	---	24
25	---	550.199	550.601	551.208	551.105E	551.685	551.985	552.148	552.291	552.304	---	---	25
26	---	550.194	550.651	551.202	551.108E	551.707	551.990	552.159	552.241	552.279	---	---	26
27	---	550.194	550.686	551.211	551.120E	551.677	551.993	552.186	552.293	552.289	---	---	27
28	---	550.200	550.690	551.218	551.130E	551.733	551.998	552.208	552.249	552.290A	---	---	28
29	---	550.210	550.728	551.208	551.145E	551.735	551.987	552.228	552.265	552.295E	---	---	29
30	---		550.754	551.198	551.130E	551.720	551.983	552.208	552.253	552.300E	---	---	30
31	---		550.788		551.150E		551.990	552.226		552.300E		---	31
MEAN	---	550.389	550.438	551.111	551.145	551.400	551.904	552.045	552.236	552.273	---	---	MEAN
MAX	---	550.850	550.788	551.243	551.268	551.735	551.998	552.228	552.293	552.304	---	---	MAX
MIN	---	550.194	550.203	550.821	551.057	551.150	551.738	551.906	552.141	552.190	---	---	MIN

WATER LEVELS IN METRES

SUMMARY FOR THE YEAR 1988

MINIMUM DAILY, 550.194 ON FEB 26

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 38 21 N
LONG 107 58 08 W

A - MANUAL GAUGE

E - ESTIMATED

REGULATED

DRAINAGE AREA,
126 000 km²

WATER LEVELS ARE REFERRED TO TOPOGRAPHIC SURVEY DATUM

LAKE OF THE RIVERS WEST INFLOW - STATION NO. 05JD004

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0	0	0	0	0	0	0	0	---	---	1
2	---	---	0	0	0	0	0	0	0	0	---	---	2
3	---	---	0	0	0	0	0	0	0	0	---	---	3
4	---	---	0	0	0	0	0.028A	0	0	0	---	---	4
5	---	---	0	0	0	0	0	0	0	0	---	---	5
6	---	---	0	0	0	0	0	0	0	0	---	---	6
7	---	---	0	0	0	0	0	0	0	0	---	---	7
8	---	---	0	0	0	0	0	0	0	0	---	---	8
9	---	---	0	0	0	0	0	0	0	0	---	---	9
10	---	---	0	0	0	0	0	0	0	0	---	---	10
11	---	---	0	0	0	0	0	0	0	0	---	---	11
12	---	---	0	0	0	0	0	0	0	0	---	---	12
13	---	---	0	0	0	0	0	0	0	0	---	---	13
14	---	---	0	0	0	0	0	0	0	0	---	---	14
15	---	---	0	0	0	0	0	0	0	0	---	---	15
16	---	---	0	0	0	0	0	0	0	0	---	---	16
17	---	---	0	0	0	0	0	0	0	0	---	---	17
18	---	---	0	0	0	0	0	0	0	0	---	---	18
19	---	---	0	0	0	0	0	0	0	0	---	---	19
20	---	---	0	0	0	0	0	0	0	0	---	---	20
21	---	---	0	0	0	0	0	0	0	0	---	---	21
22	---	---	0	0	0	0	0	0	0	0	---	---	22
23	---	---	0	0	0	0	0	0	0	0	---	---	23
24	---	---	0	0	0	0	0	0	0	0	---	---	24
25	---	---	0	0	0	0	0	0	0	0	---	---	25
26	---	---	0	0	0	0	0	0	0	0	---	---	26
27	---	---	0	0	0	0	0	0	0	0	---	---	27
28	---	---	0	0	0	0	0	0	0	0	---	---	28
29	---	---	0	0	0	0	0	0	0	0	---	---	29
30	---		0	0	0	0	0	0	0	0	---	---	30
31	---		0		0		0	0		0		---	31
TOTAL	---	---	0	0	0	0	0.028	0	0	0	---	---	TOTAL
MEAN	---	---	0	0	0	0	0.001	0	0	0	---	---	MEAN
MAX	---	---	0	0	0	0	0.028	0	0	0	---	---	MAX
MIN	---	---	0	0	0	0	0	0	0	0	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

SUMMARY FOR THE MONTHS MAR TO OCT

MEAN, 0
MAXIMUM DAILY, 0.028A ON JUL 4
MINIMUM DAILY, 0 ON MAR 1
MAXIMUM INSTANTANEOUS,
1.80 AT 13:58 CST ON JUL 4

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 44 28 N
LONG 105 48 41 W
DRAINAGE AREA, 84.2 km²
A - MANUAL GAUGE

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	2.51
FEB	---	AUG	0
MAR	0	SEP	0
APR	0	OCT	0
MAY	0	NOV	---
JUN	0	DEC	---

TOTAL DISCHARGE, 2.51 dam³

REMARKS - A PORTION OF THE JULY 4 PEAK WAS DIVERTED FROM THE GAUGE POOL TO FILL A DUGOUT

LANIGAN CREEK ABOVE BOULDER LAKE - STATION NO. 05JJ003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0 B	0.013B	0.206	0.016E	0	0	0	0	---	---	1
2	---	---	0 B	0.003B	0.167	0.014E	0	0	0	0	---	---	2
3	---	---	0 B	0.001B	0.123	0.009E	0	0	0	0	---	---	3
4	---	---	0 B	0	0.086	0.005E	0	0	0	0	---	---	4
5	---	---	0 B	0.059	0.017	0.001E	0	0	0	0	---	---	5
6	---	---	0 B	0.040E	0.006	0	0	0	0	0	---	---	6
7	---	---	0 B	0.080E	0.003	0	0	0	0	0	---	---	7
8	---	---	0 B	0.800E	0.001	0	0	0	0	0	---	---	8
9	---	---	0 B	4.00 E	0	0	0	0	0	0	---	---	9
10	---	---	0 B	11.3 E	0	0	0	0	0	0	---	---	10
11	---	---	0 B	11.0 E	0	0	0	0	0	0	---	---	11
12	---	---	0 B	9.70 A	0.027	0	0	0	0	0	---	---	12
13	---	---	0 B	7.87	0.104	0	0	0	0	0	---	---	13
14	---	---	0 B	8.51	0.088	0	0	0	0	0	---	---	14
15	---	---	0 B	5.16	0.104	0	0	0	0	0	---	---	15
16	---	---	0 B	4.44	0.085	0	0	0	0	0	---	---	16
17	---	---	0 B	3.54	0.084	0	0	0	0	0	---	---	17
18	---	---	0 B	2.60	0.075	0	0	0	0	0	---	---	18
19	---	---	0 B	3.14	0.088	0	0	0	0	0	---	---	19
20	---	---	0 B	2.24	0.064	0	0	0	0	0	---	---	20
21	---	---	0.002B	1.82	0.059	0	0	0	0	0	---	---	21
22	---	---	0.005B	1.17	0.064	0	0	0	0	0	---	---	22
23	---	---	0.003B	0.957	0.047	0	0	0	0	0	---	---	23
24	---	---	0 B	0.841	0.041	0	0	0	0	0	---	---	24
25	---	---	0 B	0.783	0.042	0	0	0	0	0	---	---	25
26	---	---	0.002B	0.847	0.036	0	0	0	0	0	---	---	26
27	---	---	0 B	0.612	0.037A	0	0	0	0	0	---	---	27
28	---	---	0 B	0.400	0.032E	0	0	0	0	0	---	---	28
29	---	---	0 B	0.306	0.028E	0	0	0	0	0	---	---	29
30	---		0 B	0.249	0.025E	0	0	0	0	0	---	---	30
31	---		0.004B		0.021E		0	0		0		---	31
TOTAL	---	---	0.018	79.983	1.733	0.047	0	0	0	0	---	---	TOTAL
MEAN	---	---	0.001	2.67	0.056	0.002	0	0	0	0	---	---	MEAN
MAX	---	---	0.005	11.3	0.206	0.016	0	0	0	0	---	---	MAX
MIN	---	---	0	0	0	0	0	0	0	0	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.334
MAXIMUM DAILY, 11.3E ON APR 10
MINIMUM DAILY, 0B ON MAR 1
MAXIMUM INSTANTANEOUS,
11.5 ON APR 10

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 51 38 58 N
LONG 105 14 14 W
DRAINAGE AREA, 2 380 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	0
FEB	---	AUG	0
MAR	1.38	SEP	0
APR	6 910	OCT	0
MAY	150	NOV	---
JUN	4.08	DEC	---

TOTAL DISCHARGE, 7 070 dam³

REMARKS - WATER WAS DIVERTED TO LITTLE MANITOU LAKE SEVERAL TIMES DURING APRIL AND MAY

LARSEN RESERVOIR NEAR RADVILLE - STATION NO. 05NA006

DAILY WATER LEVEL IN METRES FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	829.849E	---	829.832E	829.835	829.772	829.861	829.922	828.983	828.793	828.138	826.348E	---	1
2	---	---	829.832A	829.835	829.770	829.843	829.916	828.983	828.787	828.109	826.348E	---	2
3	---	---	829.832A	829.835	829.765	829.834	829.910	828.985	828.781	828.088	826.348A	---	3
4	---	829.811A	829.831	829.834	829.762	829.822	829.906	828.987	828.776	828.083	---	---	4
5	---	---	829.835	829.833	829.757	829.811	829.907	828.979	828.769	828.071	---	---	5
6	---	---	829.838	829.832	829.754	829.802	829.908	828.973	828.761	827.888	---	---	6
7	---	---	829.844	829.832	829.766	829.595	829.899	828.962	828.752	827.802	---	---	7
8	---	---	829.849	829.847	829.765	829.585	829.892	828.954	828.739	827.480	---	---	8
9	---	---	829.853	829.840	829.762	829.573	829.884	828.948	828.727	827.448	---	---	9
10	---	---	829.856	829.836	829.759	829.565	829.875	828.941	828.721	827.430	---	---	10
11	---	---	829.856	829.834	829.760	829.551	829.818	828.935	828.733	827.417	---	---	11
12	---	---	829.852A	829.831	829.759	829.539	829.807	828.927	828.730	827.397A	---	---	12
13	---	---	829.852A	829.826	829.749	829.534	829.574	828.921	828.728	827.268E	---	---	13
14	---	---	829.851A	829.821	829.751	829.542	829.570	828.918	828.725	827.134E	---	---	14
15	---	---	829.851A	829.816	829.747	829.545	829.548	828.913	828.722	827.003E	---	---	15
16	---	---	829.850	829.816	829.739	829.540	829.331	828.904	828.720	826.872E	---	---	16
17	---	---	829.849	829.807	829.734	829.567	829.104	828.898	828.718	826.740E	---	---	17
18	---	---	829.849	829.802	829.732	829.880	829.087	828.891	828.713	826.609E	---	---	18
19	---	---	829.848	829.799	829.729	830.008	829.082	828.887	828.708	826.477E	---	---	19
20	---	---	829.847	829.794	829.726	830.012	829.076	828.881	828.705	826.348E	---	---	20
21	---	---	829.849	829.791	829.722	830.005	829.073	828.878	828.703	826.348E	---	---	21
22	---	---	829.850	829.787	829.714	829.994	829.065	828.864	828.699	826.348E	---	---	22
23	---	---	829.850	829.785	829.707	829.982	829.058	828.855	828.693	826.348E	---	---	23
24	---	---	829.851	829.786	829.699	829.975	829.047	828.848	828.690	826.348E	---	---	24
25	---	---	829.849	829.778	829.693	829.962	829.040	828.840	828.685	826.348E	---	---	25
26	---	---	829.842	829.775	829.688	829.952	829.032	828.835	828.688	826.348E	---	---	26
27	---	---	829.841	829.773	829.684	829.943	829.024	828.827	828.500	826.348E	---	---	27
28	---	---	829.842	829.770	829.679	829.935	829.018	828.820	828.328	826.348E	---	---	28
29	---	829.832E	829.837	829.766	829.673	829.925	829.010	828.813	828.232	826.348E	826.370A	---	29
30	---		829.836	829.767	829.664	829.928	828.997	828.807	828.180	826.348E	826.370E	---	30
31	829.816E		829.835		829.658		828.988	828.800		826.348E		826.370E	31
MEAN	---	---	829.845	829.809	829.730	829.750	829.425	828.902	828.673	827.012	---	---	MEAN
MAX	---	---	829.856	829.847	829.772	830.012	829.922	828.985	828.793	828.138	---	---	MAX
MIN	---	---	829.831	829.766	829.658	829.534	828.988	828.800	828.180	826.348	---	---	MIN

WATER LEVELS IN METRES

SUMMARY FOR THE YEAR 1988

MAXIMUM DAILY, 830.012 ON JUN 20
MINIMUM DAILY, 826.348E ON OCT 20
MAXIMUM INSTANTANEOUS,
830.021 AT 05:25 CST ON JUN 19

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 28 30 N
LONG 104 16 50 W

A - MANUAL GAUGE
E - ESTIMATED
REGULATED

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

REMARKS - A SECONDARY DAM WAS BUILT ACROSS THE RESERVOIR AND WATER PUMPED INTO THIS IMPOUNDMENT TO REDUCE EVAPORATION

LAST MOUNTAIN LAKE AT ROWAN'S RAVINE - STATION NO. 05JH004

DAILY WATER LEVEL IN METRES FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	489.810	489.820	489.839	489.862	489.876	489.855	489.782	489.644	489.539	489.443	489.385	489.372	1
2	489.813	489.822	489.839	489.865	489.878	489.851	489.786	489.619	489.538	489.446	489.395	489.373	2
3	489.813	489.821	489.841	489.865	489.876	489.844	489.783	489.621	489.538	489.435	489.394	489.371	3
4	489.811	489.821	489.841	489.865	489.875	489.835	489.784	489.616	489.533	489.418	489.395	489.370	4
5	489.807	489.820	489.840	489.866	489.871	489.834	489.758	489.618	489.527	489.424	489.386	489.371	5
6	489.810	489.825	489.841	489.867	489.881	489.837	489.781	489.611	489.507	489.426	489.357	489.372	6
7	489.812	489.828	489.844	489.870	489.899	489.846	489.751	489.613	489.521	489.427	489.387	489.371	7
8	489.809	489.828	489.845	489.871	489.878	489.858	489.750	489.595	489.511	489.429	489.386	489.368	8
9	489.808	489.827	489.848	489.868	489.884	489.847	489.749	489.593	489.498	489.432	489.387	489.370	9
10	489.810	489.826	489.850	489.868	489.880	489.858	489.741	489.594	489.498	489.423	489.383	489.365	10
11	489.809	489.826	489.851	489.871	489.885	489.848	489.726	489.595	489.499	489.419	489.386	489.365	11
12	489.807	489.831	489.850	489.869	489.888	489.845	489.717	489.586	489.482	489.417	489.380	489.370	12
13	489.811	489.833	489.849	489.868	489.871	489.841	489.722	489.576	489.488	489.419	489.385	489.369	13
14	489.810	489.830	489.851	489.871	489.885	489.845	489.712	489.574	489.481	489.418	489.382	489.367	14
15	489.812	489.832	489.853	489.869	489.884	489.839	489.713	489.587	489.466	489.422	489.382	489.364	15
16	489.811	489.833	489.852	489.872	489.875	489.821	489.712	489.601	489.477	489.416	489.379	489.363	16
17	489.810	489.831	489.853	489.869	489.875	489.833	489.705	489.592	489.487	489.421	489.378	489.363	17
18	489.810	489.833	489.849	489.870	489.881	489.827	489.699	489.579	489.477	489.419	489.376	489.367	18
19	489.812	489.836	489.848	489.871	489.882	489.828	489.697	489.593	489.472	489.409	489.372	489.368	19
20	489.813	489.835	489.847	489.871	489.881	489.824	489.690	489.594	489.465	489.420	489.373	489.368	20
21	489.815	489.836	489.845	489.873	489.883	489.824	489.683	489.585	489.454	489.390	489.376	489.368	21
22	489.816	489.836	489.847	489.873	489.874	489.809	489.685	489.586	489.450	489.417	489.375	489.371	22
23	489.822	489.835	489.849	489.874	489.865	489.797	489.676	489.585	489.454	489.405	489.372	489.376	23
24	489.816	489.833	489.848	489.881	489.862	489.802	489.665	489.586	489.458	489.408	489.372	489.377	24
25	489.816	489.836	489.848	489.868	489.877	489.792	489.666	489.576	489.446	489.410	489.389	489.376	25
26	489.821	489.838	489.848	489.870	489.862	489.767	[illegible]	489.585	489.450	489.404	489.371	489.376	26
27	489.822	489.838	489.853	489.870	489.865	489.782	489.667	489.570	489.429	489.409	489.368	489.374	27
28	489.822	489.835	489.861	489.869	489.863	489.775	489.661	489.560	489.447	489.389	489.370	489.373	28
29	489.822	489.839	489.860	489.868	489.858	489.764	489.652	489.544	489.439	489.381	489.373	489.377	29
30	489.824		489.861	489.867	489.855	489.773	489.638	489.535	489.445	489.383	489.369	489.379	30
31	489.820		489.860		489.856		489.636	489.542		489.394		489.385	31
MEAN	489.814	489.830	489.848	489.869	489.875	489.823	489.707	489.580	489.483	489.415	489.377	489.371	MEAN
MAX	489.824	489.839	489.861	489.881	489.899	489.858	489.786	489.644	489.539	489.446	489.395	489.385	MAX
MIN	489.807	489.820	489.839	489.862	489.855	489.764	489.636	489.535	489.429	489.381	489.357	489.363	MIN

WATER LEVELS IN METRES

MEAN, 489.666
MAXIMUM DAILY, 489.899 ON MAY 7
MINIMUM DAILY, 489.357 ON NOV 6
MAXIMUM INSTANTANEOUS,
489.873 AT 10:29 CST ON MAY 12

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 59 52 N
LONG 105 11 08 W

REGULATED

DRAINAGE AREA,
14 800 km²

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

LEATHER RIVER NEAR STAR CITY - STATION NO. 05KB006

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0B	0 B	0.108	0	0	0	0	0	0	---	1
2	---	---	0B	0 B	0.098	0	0	0	0	0	0	---	2
3	---	---	0B	0 B	0.088	0	0	0	0	0	0A	---	3
4	---	---	0B	0 B	0.084	0	0	0	0	0	---	---	4
5	---	---	0B	0.071B	0.088	0	0	0	0	0	---	---	5
6	---	---	0B	0.763B	0.077	0	0	0	0	0	---	---	6
7	---	---	0B	2.19 B	0.072	0	0	0	0	0	---	---	7
8	---	---	0B	6.22 B	0.070	0	0	0	0	0	---	---	8
9	---	---	0B	11.7 B	0.060	0	0	0	0	0	---	---	9
10	---	---	0B	8.63	0.048	0	0	0	0	0	---	---	10
11	---	---	0B	5.24	0.047	0	0	0	0	0	---	---	11
12	---	---	0B	4.73	0.044	0	0	0	0	0	---	---	12
13	---	---	0B	3.72	0.035	0	0	0	0	0	---	---	13
14	---	---	0B	2.98	0.029	0	0	0	0	0	---	---	14
15	---	---	0B	2.70	0.023	0	0	0	0	0	---	---	15
16	---	---	0B	2.39	0.014	0	0	0	0	0	---	---	16
17	---	---	0B	1.89	0.007	0	0	0	0	0	---	---	17
18	---	---	0B	1.53	0.002	0	0	0	0	0	---	---	18
19	---	---	0B	1.10	0.001	0	0	0	0	0	---	---	19
20	---	---	0B	0.837	0.002	0	0	0	0	0	---	---	20
21	---	---	0B	0.675	0.004	0	0	0	0	0	---	---	21
22	---	---	0B	0.571	0.003	0	0	0	0	0	---	---	22
23	---	---	0B	0.463	0.001	0	0	0	0	0	---	---	23
24	---	---	0B	0.371	0	0	0	0	0	0	---	---	24
25	---	---	0B	0.298	0	0	0	0	0	0	---	---	25
26	---	---	0B	0.249	0	0	0	0	0	0	---	---	26
27	---	---	0B	0.218	0	0	0	0	0	0	---	---	27
28	---	---	0B	0.165	0	0	0	0	0	0	---	---	28
29	---	0B	0B	0.131	0	0	0	0	0	0	---	---	29
30	---		0B	0.127	0	0	0	0	0	0	---	---	30
31	---		0B		0		0	0		0		---	31
TOTAL	---	---	0	62.570	1.021	0	0	0	0	0	---	---	TOTAL
MEAN	---	---	0	2.09	0.033	0	0	0	0	0	---	---	MEAN
MAX	---	---	0	11.7	0.108	0	0	0	0	0	---	---	MAX
MIN	---	---	0	0	0	0	0	0	0	0	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.280
MAXIMUM DAILY, 11.78 ON APR 9
MINIMUM DAILY, 0B ON MAR 1
MAXIMUM INSTANTANEOUS,
12.69 AT 01:29 CST ON APR 9

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 52 50 32 N
LONG 104 14 24 W
DRAINAGE AREA, 185 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	0
FEB	---	AUG	0
MAR	0	SEP	0
APR	5 410	OCT	0
MAY	88.2	NOV	---
JUN	0	DEC	---

TOTAL DISCHARGE, 5 500 dam³

LENORE LAKE NEAR MIDDLE LAKE - STATION NO. 05KA011

DAILY WATER LEVEL IN METRES FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	---	525.388	525.238	---	---	---	---	---	1
2	---	---	---	---	---	---	525.236	---	525.107	---	---	---	2
3	---	---	---	---	---	525.377	---	525.159	---	525.080	524.985	---	3
4	---	---	---	---	---	---	525.232	---	---	---	---	---	4
5	---	---	---	---	---	---	---	525.158	525.105	525.058	---	---	5
6	---	---	---	---	---	---	---	---	---	525.053	---	---	6
7	---	---	---	---	---	---	---	525.148	---	---	---	---	7
8	---	---	---	---	---	---	---	---	---	---	---	---	8
9	---	---	---	---	---	525.351	---	525.138	---	---	---	---	9
10	---	---	---	---	---	---	525.198	525.131	525.078	525.048	---	---	10
11	---	---	---	---	525.418	---	---	525.127	---	---	---	---	11
12	---	---	---	---	---	---	---	---	525.088	525.046	---	---	12
13	---	---	---	---	525.398	525.327	525.194	---	---	---	---	---	13
14	---	---	---	---	---	525.312	---	---	---	525.041	---	---	14
15	---	---	---	---	525.436	525.312	---	---	---	---	---	---	15
16	---	---	---	---	---	---	525.201	---	---	---	---	---	16
17	---	---	---	---	---	525.280	525.198	525.144	---	---	---	---	17
18	---	---	---	---	---	---	---	---	525.088	---	---	---	18
19	---	---	---	---	525.431	---	---	525.148	525.078	525.038	---	---	19
20	---	---	---	---	525.429	---	525.186	---	---	---	---	---	20
21	---	---	---	---	---	525.274	---	---	---	---	---	---	21
22	---	---	---	---	---	525.270	---	---	---	---	---	---	22
23	---	---	---	---	[illegible]	---	---	---	525.084	---	---	---	23
24	---	---	---	---	[illegible]	---	525.176	---	---	---	---	---	24
25	---	---	---	---	---	525.257	525.172	---	525.061	---	---	---	25
26	---	---	---	---	525.406	---	---	---	---	---	---	---	26
27	---	---	---	---	---	---	---	525.128	---	---	---	---	27
28	---	---	---	---	525.401	---	525.161	---	525.088	---	---	---	28
29	---	---	---	---	---	---	---	---	525.084	---	---	---	29
30	---		---	---	---	525.244	525.151	---	---	---	---	---	30
31	---		---		---		525.139	525.118		---		---	31
MEAN	---	---	---	---	---	---	---	---	---	---	---	---	MEAN
MAX	---	---	---	---	---	---	---	---	---	---	---	---	MAX
MIN	---	---	---	---	---	---	---	---	---	---	---	---	MIN

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - MANUAL
LOCATION - LAT 52 29 33 N
LONG 105 00 52 W
DATA CONTRIBUTED BY -
SASKATCHEWAN WATER CORPORATION

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

LEWIS CREEK NEAR IMPERIAL - STATION NO. 05JH005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0 B	0.002B	0	0	0	0	0	0	---	---	1
2	---	---	0 B	0 B	0	0	0	0	0	0	---	---	2
3	---	---	0 B	0 B	0	0	0	0	0	0	---	---	3
4	---	---	0 B	0 B	0	0	0	0	0	0	---	---	4
5	---	---	0 B	0 B	0	0	0	0	0	0	---	---	5
6	---	---	0 B	0	0	0	0	0	0	0	---	---	6
7	---	---	0 B	0	0	0	0	0	0	0	---	---	7
8	---	---	0 B	0.003	0	0	0	0	0	0	---	---	8
9	---	---	0 B	0.003	0	0	0	0	0	0	---	---	9
10	---	---	0 B	0.054	0	0	0	0	0	0	---	---	10
11	---	---	0 B	0.081	0	0	0	0	0	0	---	---	11
12	---	---	0 B	0.020	0	0	0	0	0	0	---	---	12
13	---	---	0 B	0.007	0	0	0	0	0	0	---	---	13
14	---	---	0 B	0	0	0	0	0	0	0	---	---	14
15	---	---	0 B	0	0	0	0	0	0	0	---	---	15
16	---	---	0 B	0	0	0	0	0	0	0	---	---	16
17	---	---	0 B	0	0	0	0	0	0	0	---	---	17
18	---	---	0 B	0	0	0	0	0	0	0	---	---	18
19	---	---	0 B	0	0	0	0	0	0	0	---	---	19
20	---	---	0 B	0	0	0	0	0	0	0	---	---	20
21	---	---	0.005B	0	0	0	0	0	0	0	---	---	21
22	---	---	0.001B	0	0	0	0	0	0	0	---	---	22
23	---	---	0.001B	0	0	0	0	0	0	0	---	---	23
24	---	---	0.001B	0	0	0	0	0	0	0	---	---	24
25	---	---	0 B	0	0	0	0	0	0	0	---	---	25
26	---	---	0 B	0	0	0	0	0	0	0	---	---	26
27	---	---	0 B	0	0	0	0	0	0	0	---	---	27
28	---	---	0 B	0	0	0	0	0	0	0	---	---	28
29	---	---	0 B	0	0	0	0	0	0	0	---	---	29
30	---		0 B	0	0	0	0	0	0	0	---	---	30
31	---		0 B		0		0	0		0		---	31
TOTAL	---	---	0.008	0.152	0	0	0	0	0	0	---	---	TOTAL
MEAN	---	---	0	0.005	0	0	0	0	0	0	---	---	MEAN
MAX	---	---	0.005	0.081	0	0	0	0	0	0	---	---	MAX
MIN	---	---	0	0	0	0	0	0	0	0	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.001
MAXIMUM DAILY, 0.081 ON APR 11
MINIMUM DAILY, 0B ON MAR 1
MAXIMUM INSTANTANEOUS,
0.084 AT 02:13 CST ON APR 11

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 51 18 02 N
LONG 105 22 52 W
DRAINAGE AREA, 572 km^2

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	0
FEB	---	AUG	0
MAR	0.69	SEP	0
APR	13.1	OCT	0
MAY	0	NOV	---
JUN	0	DEC	---

TOTAL DISCHARGE, 13.8 dam^3

LIGHTNING CREEK NEAR CARNDUFF - STATION NO. 05NF008

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0B	0	0	0	0	0	0	0	---	---	1
2	---	---	0B	0	0	0	0	0	0	0	---	---	2
3	---	---	0B	0	0.008	0	0	0	0	0	---	---	3
4	---	---	0B	0	0.008	0	0	0	0	0	---	---	4
5	---	---	0B	0	0.001	0	0	0	0	0	---	---	5
6	---	---	0B	0	0.001	0	0	0	0	0	---	---	6
7	---	---	0B	0	0.001	0	0	0	0	0	---	---	7
8	---	---	0B	0	0.002	0	0	0	0	0	---	---	8
9	---	---	0B	0	0.002	0	0	0	0	0	---	---	9
10	---	---	0B	0	0.001	0	0	0	0	0	---	---	10
11	---	---	0B	0	0.001	0	0	0	0	0	---	---	11
12	---	---	0B	0	0.001	0	0	0	0	0	---	---	12
13	---	---	0B	0	0.001	0	0	0	0	0	---	---	13
14	---	---	0B	0	0.001	0	0	0	0	0	---	---	14
15	---	---	0B	0	0.002	0	0	0	0	0	---	---	15
16	---	---	0B	0	0.002	0	0	0	0	0	---	---	16
17	---	---	0B	0	0.002	0	0	0	0	0	---	---	17
18	---	---	0B	0	0.003	0	0	0	0	0	---	---	18
19	---	---	0B	0	0.002	0	0	0	0	0	---	---	19
20	---	---	0B	0	0.001	0	0	0	0	0	---	---	20
21	---	---	0	0	0.001	0	0	0	0	0	---	---	21
22	---	---	0	0	0.001	0	0	0	0	0	---	---	22
23	---	---	0	0	0.001	0	0	0	0	0	---	---	23
24	---	---	0	0	0	0	0	0	0	0	---	---	24
25	---	---	0	0	0	0	0	0	0	0	---	---	25
26	---	---	0	0	0	0	0	0	0	0	---	---	26
27	---	---	0	0	0	0	0	0	0	0	---	---	27
28	---	---	0	0	0	0	0	0	0	0	---	---	28
29	---	---	0	0	0	0	0	0	0	0	---	---	29
30	---		0	0	0	0	0	0	0	0	---	---	30
31	---		0		0		0	0		0		---	31
TOTAL	---	---	0	0	0.041	0	0	0	0	0	---	---	TOTAL
MEAN	---	---	0	0	0.001	0	0	0	0	0	---	---	MEAN
MAX	---	---	0	0	0.008	0	0	0	0	0	---	---	MAX
MIN	---	---	0	0	0	0	0	0	0	0	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0
MAXIMUM DAILY, 0.008 ON MAY 3
MINIMUM DAILY, 0B ON MAR 1
MAXIMUM INSTANTANEOUS,
0.014 AT 11:35 CST ON MAY 3

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 13 17 N
LONG 101 43 08 W
DRAINAGE AREA, 740 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	0
FEB	---	AUG	0
MAR	0	SEP	0
APR	0	OCT	0
MAY	3.84	NOV	---
JUN	0	DEC	---

TOTAL DISCHARGE, 3.84 dam³

LILIAN RIVER NEAR LADY LAKE - STATION NO. 05MC003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0 B	0.045B	0.726	0.181	0.017	0	0.011	0.030B	0.024B	---	1
2	---	---	0 B	0.630B	1.28	0.170	0.014	0	0.004	0.023B	0.023B	---	2
3	---	---	0 B	0.785B	1.51	0.142	0.013	0.008	0.002	0.020B	0.024B	---	3
4	---	---	0 B	1.08 B	1.60	0.111	0.011	0.004	0.002	0.018B	---	---	4
5	---	---	0 B	2.26 B	1.49	0.088	0.008	0.006	0.001	0.018B	---	---	5
6	---	---	0 B	3.81 B	1.28	0.076	0.020	0.003	0	0.021B	---	---	6
7	---	---	0 B	8.59 B	1.05	0.065	0.024	0.007	0.004	0.023B	---	---	7
8	---	---	0 B	9.63 B	0.889	0.053	0.021	0	0.006	0.026B	---	---	8
9	---	---	0.028B	6.51 B	0.744	0.055	0.015	0	0	0.035B	---	---	9
10	---	---	0.014B	4.42 B	0.836	0.050	0.011	0.001	0	0.024B	---	---	10
11	---	---	0.041B	3.32 B	0.571	0.061	0.008	0	0	0.018B	---	---	11
12	---	---	0.035B	3.25 B	0.517	0.055	0.009	0	0	0.020B	---	---	12
13	---	---	0.031B	3.25 B	0.615	0.045	0.026	0	0.001	0.025B	---	---	13
14	---	---	0.028B	3.16 B	0.376	0.044	0.025	0	0	0.030B	---	---	14
15	---	---	0.023B	2.73 B	0.322	0.043	0.045	0	0	0.034B	---	---	15
16	---	---	0.021B	2.40 B	0.283	0.033	0.040	0.001	0	0.034B	---	---	16
17	---	---	0.011B	1.96 B	0.238	0.035	0.040	0.008	0.001	0.034B	---	---	17
18	---	---	0.005B	1.88 B	0.257	0.034	0.038	0.007	0.002	0.039B	---	---	18
19	---	---	0.003B	1.39	0.264	0.031	0.034	0.015	0.003	0.030B	---	---	19
20	---	---	0 B	1.17	0.236	0.022	0.030	0.011	0.006	0.043B	---	---	20
21	---	---	0 B	1.00	0.218	0.019	0.026	0.023	0.008	0.027B	---	---	21
22	---	---	0 B	0.857	0.198	0.014	0.025	0.031	0.020	0.042B	---	---	22
23	---	---	0.028B	0.756	0.180	0.014	0.029	0.034	0.013	0.027B	---	---	23
24	---	---	0.422B	0.719	0.183	0.016	0.016	0.028	0.024	0.023B	---	---	24
25	---	---	0.230B	0.661	0.166	0.016	0.014	0.026	0.020	0.030B	---	---	25
26	---	---	0.102B	0.580	0.184	0.012	0.011	0.024	0.025	0.022B	---	---	26
27	---	---	0.077B	0.451	0.206	0.014	0.008	0.021	0.015	0.030B	---	---	27
28	---	---	0.061B	0.302	0.208	0.015	0.005	0.017	0.027	0.026B	---	---	28
29	---	---	0.035B	0.204	0.167	0.013	0.002	0.013	0.031	0.024B	---	---	29
30	---		0.018B	0.167	0.184	0.016	0	0.010	0.034B	0.024B	---	---	30
31	---		0.006B		0.168		0	0.011		0.024B		---	31
TOTAL	---	---	1.224	67.757	16.936	1.547	0.587	0.308	0.281	0.836	---	---	TOTAL
MEAN	---	---	0.039	2.26	0.546	0.052	0.019	0.010	0.009	0.027	---	---	MEAN
MAX	---	---	0.422	9.63	1.60	0.181	0.045	0.034	0.034	0.043	---	---	MAX
MIN	---	---	0	0.045	0.163	0.012	0	0	0	0.018	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.365
MAXIMUM DAILY, 9.63B ON APR 8
MINIMUM DAILY, 0B ON MAR 1
MAXIMUM INSTANTANEOUS,
10.9 AT 02:37 CST ON APR 8

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 52 01 22 N
LONG 102 37 30 W
DRAINAGE AREA, 228 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	50.7
FEB	---	AUG	26.6
MAR	106	SEP	22.6
APR	5 850	OCT	72.2
MAY	1 460	NOV	---
JUN	134	DEC	---

TOTAL DISCHARGE, 7 720 dam³

LITTLE BEAR LAKE ON THE HANSON LAKE ROAD - STATION NO. 05KF002

DAILY WATER LEVEL IN METRES FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	---	820.185	---	---	---	---	---	---	1
2	---	---	---	---	---	820.200	---	---	820.080	---	820.011	---	2
3	---	---	---	---	---	820.183	---	820.087	---	---	---	---	3
4	---	---	---	---	---	---	---	---	---	---	---	---	4
5	---	---	---	---	---	---	---	820.083	---	---	---	---	5
6	---	---	---	---	---	---	---	---	---	---	---	---	6
7	---	---	---	---	---	---	---	---	---	---	---	---	7
8	---	---	---	---	---	---	820.080	---	---	---	---	---	8
9	---	---	---	---	---	---	---	---	820.075	---	---	---	9
10	---	---	---	---	---	820.180	---	---	---	---	---	---	10
11	---	---	---	---	---	---	---	---	---	---	---	---	11
12	---	---	---	---	---	---	---	820.080	---	---	---	---	12
13	---	---	---	---	---	---	---	---	---	---	---	---	13
14	---	---	---	---	---	---	820.100	---	---	---	---	---	14
15	---	---	---	---	---	---	---	---	---	---	---	---	15
16	---	---	---	---	---	---	---	---	820.073	---	---	---	16
17	---	---	---	---	---	820.115	---	---	---	---	---	---	17
18	---	---	---	---	---	---	---	---	---	---	---	---	18
19	---	---	---	---	---	---	---	820.080	---	---	---	---	19
20	---	---	---	---	---	---	---	---	---	---	---	---	20
21	---	---	---	---	---	---	---	---	---	---	---	---	21
22	---	---	---	---	---	---	820.111	---	---	---	---	---	22
23	---	---	---	---	---	---	---	---	---	---	---	---	23
24	---	---	---	---	---	820.110	---	---	---	---	---	---	24
25	---	---	---	---	820.213	---	---	---	---	---	---	---	25
26	---	---	---	---	---	---	---	820.080	---	---	---	---	26
27	---	---	---	---	---	---	---	---	---	---	---	---	27
28	---	---	---	---	---	---	---	---	---	---	---	---	28
29	---	---	---	---	---	---	820.081	---	---	---	---	---	29
30	---		---	---	---	---	---	---	---	---	---	---	30
31	---		---		---		---	---		---		---	31
MEAN	---	---	---	---	---	---	---	---	---	---	---	---	MEAN
MAX	---	---	---	---	---	---	---	---	---	---	---	---	MAX
MIN	---	---	---	---	---	---	---	---	---	---	---	---	MIN

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - MANUAL
LOCATION - LAT 54 17 38 N
LONG 104 40 33 W
DATA CONTRIBUTED BY -
SASKATCHEWAN WATER CORPORATION

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

LITTLE BRIDGE CREEK NEAR ARMLEY - STATION NO. 05KB008

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0B	0 B	0.085	0	0	0	0	0	---	---	1
2	---	---	0B	0 B	0.082	0	0	0	0	0	---	---	2
3	---	---	0B	0 B	0.064	0	0	0	0	0	---	---	3
4	---	---	0B	0 B	0.028	0	0	0	0	0	---	---	4
5	---	---	0B	0 B	0.044	0	0	0	0	0	---	---	5
6	---	---	0B	0 B	0.082	0	0	0	0	0	---	---	6
7	---	---	0B	0.008B	0.046	0	0	0	0	0	---	---	7
8	---	---	0B	0.008B	0.014	0	0	0	0	0	---	---	8
9	---	---	0B	0.132B	0.010	0	0	0	0	0	---	---	9
10	---	---	0B	0.271B	0.011	0	0	0	0	0	---	---	10
11	---	---	0B	4.43 B	0.006	0	0	0	0	0	---	---	11
12	---	---	0B	10.5 B	0.009	0	0	0	0	0	---	---	12
13	---	---	0B	8.84 B	0.007	0	0	0	0	0	---	---	13
14	---	---	0B	4.17	0.002	0	0	0	0	0	---	---	14
15	---	---	0B	2.84	0.002	0	0	0	0	0	---	---	15
16	---	---	0B	2.11	0.020	0	0	0	0	0	---	---	16
17	---	---	0B	1.18 A	0.031	0	0	0	0	0	---	---	17
18	---	---	0B	0.761	0.002	0	0	0	0	0	---	---	18
19	---	---	0B	0.848	0.001	0	0	0	0	0	---	---	19
20	---	---	0B	0.501	0.001	0	0	0	0	0	---	---	20
21	---	---	0B	0.335	0.001	0	0	0	0	0	---	---	21
22	---	---	0B	0.253	0.001	0	0	0	0	0	---	---	22
23	---	---	0B	0.178	0	0	0	0	0	0	---	---	23
24	---	---	0B	0.149	0	0	0	0	0	0	---	---	24
25	---	---	0B	0.118	0	0	0	0	0	0	---	---	25
26	---	---	0B	0.085	0	0	0	0	0	0	---	---	26
27	---	---	0B	0.061	0	0	0	0	0	0	---	---	27
28	---	---	0B	0.282	0	0	0	0	0	0	---	---	28
29	---	---	0B	0.085	0	0	0	0	0	0	---	---	29
30	---		0B	0.027	0	0	0	0	0	0	---	---	30
31	---		0B		0		0	0		0		---	31
TOTAL	---	---	0	36.128	0.518	0	0	0	0	0	---	---	TOTAL
MEAN	---	---	0	1.20	0.017	0	0	0	0	0	---	---	MEAN
MAX	---	---	0	10.5	0.082	0	0	0	0	0	---	---	MAX
MIN	---	---	0	0	0	0	0	0	0	0	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.150
MAXIMUM DAILY, 10.5B ON APR 12
MINIMUM DAILY, 0B ON MAR 1
MAXIMUM INSTANTANEOUS,
14.8B AT 21:25 CST ON APR 12

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 53 08 28 N
LONG 104 10 17 W
DRAINAGE AREA, 87.0 km^2
A - MANUAL GAUGE
B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	0
FEB	---	AUG	0
MAR	0	SEP	0
APR	3 120	OCT	0
MAY	44.8	NOV	---
JUN	0	DEC	---

TOTAL DISCHARGE, 3 160 dam^3

LITTLE QUILL LAKE NEAR WYNYARD - STATION NO. 05MA002

DAILY WATER LEVEL IN METRES FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	---	---	---	---	517.823	---	---	---	1
2	---	---	---	---	---	---	---	---	---	517.830	---	---	2
3	---	---	---	---	---	---	---	517.848	---	---	---	---	3
4	---	---	---	---	---	517.886	517.748	---	---	---	---	---	4
5	---	---	---	---	---	---	---	517.886	---	---	---	---	5
6	---	---	---	---	---	---	---	---	---	---	---	---	6
7	---	---	---	---	---	---	---	---	517.475	517.525	---	---	7
8	---	---	---	---	---	---	---	---	---	---	---	---	8
9	---	---	---	---	517.876	517.858	---	---	---	---	---	---	9
10	---	---	---	---	---	---	---	517.828	---	---	---	---	10
11	---	---	---	---	---	---	---	---	517.836	---	---	---	11
12	---	---	---	---	---	517.842	---	---	---	---	---	---	12
13	---	---	---	---	517.842	---	---	517.827	---	517.521	---	---	13
14	---	---	---	---	---	---	---	---	---	---	---	---	14
15	---	---	---	---	---	---	---	---	---	---	---	---	15
16	---	---	---	---	---	517.828	---	---	517.572	---	---	---	16
17	---	---	---	---	---	---	---	---	---	---	---	---	17
18	---	---	---	---	517.886	---	---	---	---	517.512	---	---	18
19	---	---	---	---	---	---	---	---	---	---	---	---	19
20	---	---	---	---	---	---	---	---	---	---	---	---	20
21	---	---	---	---	---	---	---	517.815	517.585	---	---	---	21
22	---	---	---	---	---	517.808	---	---	---	---	---	---	22
23	---	---	---	---	---	---	---	---	---	---	---	---	23
24	---	---	---	---	---	---	---	---	---	---	---	---	24
25	---	---	---	---	---	517.778	---	---	---	517.470	---	---	25
26	---	---	---	---	517.823	---	---	---	517.540	---	---	---	26
27	---	---	---	---	---	---	517.856	517.820	---	---	---	---	27
28	---	---	---	---	---	---	---	---	---	---	---	---	28
29	---	---	---	---	---	---	517.843	---	---	---	---	---	29
30	---		---	---	517.876	517.788	---	---	517.518	---	---	---	30
31	---		---		---		517.847	517.823		---		---	31
MEAN	---	---	---	---	---	---	---	---	---	---	---	---	MEAN
MAX	---	---	---	---	---	---	---	---	---	---	---	---	MAX
MIN	---	---	---	---	---	---	---	---	---	---	---	---	MIN

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - MANUAL
LOCATION - LAT 51 52 54 N
LONG 104 08 14 W
DATA CONTRIBUTED BY -
SASKATCHEWAN WATER CORPORATION

NATURAL FLOW

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

LODGE CREEK BELOW MCRAE CREEK AT INTERNATIONAL BOUNDARY - STATION NO. 11AB082

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0 A	0.002A	0.402	0	0.037	0	0	0	---	---	1
2	---	---	0 E	0.004E	0.189	0	0.028	0	0	0	---	---	2
3	---	---	0 E	0.008E	0.108	0	0.020	0	0	0	---	---	3
4	---	---	0 E	0.010E	0.080	0	0.017	0	0	0	---	---	4
5	---	---	0 E	0.012A	0.044	0	0.013	0	0	0	---	---	5
6	---	---	0 E	0.011	0.037	0	0.017	0	0	0	---	---	6
7	---	---	0 E	0.010	0.028	0	0.012	0	0	0	---	---	7
8	---	---	0 E	0.008	0.024	0	0.007	0	0	0	---	---	8
9	---	---	0 E	0.007	0.019	0	0.003	0	0	0	---	---	9
10	---	---	0 E	0.008	0.018	0	0.002	0	0	0	---	---	10
11	---	---	0 E	0.038	0.012	0	0.001	0	0	0	---	---	11
12	---	---	0 E	0.532	0.009	0	0	0	0	0	---	---	12
13	---	---	0 E	0.548	0.007	0	0	0	0	0	---	---	13
14	---	---	0 E	0.544	0.008	0	0	0	0	0	---	---	14
15	---	---	0 E	0.553	0.004	0	0	0	0	0	---	---	15
16	---	---	0 A	0.570	0.002	0	0	0	0	0	---	---	16
17	---	---	0 E	0.582	0.002	0	0	0	0	0	---	---	17
18	---	---	0 E	0.585	0.002	0	0	0	0	0	---	---	18
19	---	---	0.001E	0.570	0.002	0	0	0	0	0	---	---	19
20	---	---	0.002E	0.588A	0.002	0.183	0	0	0	0	---	---	20
21	---	---	0.004E	0.575A	0.002	0.378	0	0	0	0	---	---	21
22	---	---	0.008E	0.575A	0.002	0.388	0	0	0	0	---	---	22
23	---	---	0.010E	0.578E	0.001	0.329	0	0	0	0	---	---	23
24	---	---	0.014E	0.575E	0.001	0.283	0	0	0	0	---	---	24
25	---	---	0.010E	0.575A	0.001	0.212	0	0	0	0	---	---	25
26	---	---	0.020E	0.732E	0.001	0.197	0	0	0	0	---	---	26
27	---	---	0.012E	0.890A	0.001	0.189	0	0	0	0	---	---	27
28	---	---	0.007A	0.985A	0.001	0.121	0	0	0	0	---	---	28
29	---	---	0.003A	0.808	0.001	0.089	0	0	0	0	---	---	29
30	---		0.002E	0.783	0	0.055	0	0	0	0	---	---	30
31	---		0.002E		0		0	0		0		---	31
TOTAL	---	---	0.083	12.280	0.984	2.401	0.157	0	0	0	---	---	TOTAL
MEAN	---	---	0.003	0.409	0.032	0.080	0.005	0	0	0	---	---	MEAN
MAX	---	---	0.020	0.985	0.402	0.388	0.037	0	0	0	---	---	MAX
MIN	---	---	0	0.002	0	0	0	0	0	0	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.065
MAXIMUM DAILY, 0.985A ON APR 28
MINIMUM DAILY, 0A ON MAR 1
MAXIMUM INSTANTANEOUS,
0.972 AT 17:00 CST ON APR 28

SUMMARY FOR THE MONTHS MAR TO OCT

INTERNATIONAL GAUGING STATION
TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 00 19 N
LONG 109 43 02 W
DRAINAGE AREA, 2 140 km^2
A - MANUAL GAUGE

E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	13.6
FEB	---	AUG	0
MAR	8.04	SEP	0
APR	1 060	OCT	0
MAY	85.0	NOV	---
JUN	207	DEC	---

TOTAL DISCHARGE, 1 370 dam^3

LODGE CREEK NEAR ALBERTA BOUNDARY - STATION NO. 11AB082

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1986

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0 B	0.080B	0.076	0	0	0	0	0	---	---	1
2	---	---	0 B	0.079B	0.066	0	0	0	0	0	---	---	2
3	---	---	0 B	0.082B	0.062	0	0	0	0	0	---	---	3
4	---	---	0 B	2.40	0.055	0	0	0	0	0	---	---	4
5	---	---	0 B	3.47	0.051	0	0	0	0	0	---	---	5
6	---	---	0.001B	1.77	0.050	0	0	0	0	0	---	---	6
7	---	---	0.001B	0.634	0.046	0	0	0	0	0	---	---	7
8	---	---	0.003B	1.65	0.035	0	0	0	0	0	---	---	8
9	---	---	0.004B	1.38	0.028	0	0	0	0	0	---	---	9
10	---	---	0.003B	0.605	0.022	0	0	0	0	0	---	---	10
11	---	---	0.002B	0.347	0.019	0	0	0	0	0	---	---	11
12	---	---	0.002B	0.209	0.017	0	0	0	0	0	---	---	12
13	---	---	0.027B	0.147	0.015	0	0	0	0	0	---	---	13
14	---	---	0.029B	0.309	0.014	0	0	0	0	0	---	---	14
15	---	---	0.022B	0.263	0.011	0	0	0	0	0	---	---	15
16	---	---	0.018B	0.264	0.010	0	0	0	0	0	---	---	16
17	---	---	0.019B	0.226	0.010	0	0	0	0	0	---	---	17
18	---	---	0.022B	0.211	0.008	0	0	0	0	0	---	---	18
19	---	---	0.025B	0.231	0.008	0	0	0	0	0	---	---	19
20	---	---	0.027B	0.226	0.008	0	0	0	0	0	---	---	20
21	---	---	0.045B	0.201	0.007	0	0	0	0	0	---	---	21
22	---	0B	0.287B	0.173	0.005	0	0	0	0	0	---	---	22
23	---	0B	0.364B	0.166	0.004	0	0	0	0	0	---	---	23
24	---	0B	1.05 B	0.159	0.004	0	0	0	0	0	---	---	24
25	---	0B	0.162B	0.148	0.004	0	0	0	0	0	---	---	25
26	---	0B	0.127B	0.141	0.003	0	0	0	0	0	---	---	26
27	---	0B	0.203B	0.123	0.002	0	0	0	0	0	---	---	27
28	---	0B	0.100B	0.098	0.001	0	0	0	0	0	---	---	28
29	---	0B	0.138B	0.088	0.001	0	0	0	0	0	---	---	29
30	---		0.185B	0.083	0.002	0	0	0	0	0	---	---	30
31	---		0.086B		0		0	0		0		---	31
TOTAL	---	---	2.992	16.224	0.646	0	0	0	0	0	---	---	TOTAL
MEAN	---	---	0.097	0.541	0.021	0	0	0	0	0	---	---	MEAN
MAX	---	---	1.05	3.47	0.076	0	0	0	0	0	---	---	MAX
MIN	---	---	0	0.078	0	0	0	0	0	0	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.081
MAXIMUM DAILY, 3.47 ON APR 5
MINIMUM DAILY, 0B ON MAR 1
MAXIMUM INSTANTANEOUS,
5.17 AT 05:13 CST ON APR 5

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 12 10 N
LONG 109 59 05 W
DRAINAGE AREA, 808 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	0
FEB	---	AUG	0
MAR	259	SEP	0
APR	1 400	OCT	0
MAY	55.8	NOV	---
JUN	0	DEC	---

TOTAL DISCHARGE, 1 710 dam³

LOISELLE CREEK NEAR HUDSON BAY - STATION NO. 05LB004

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1986

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0B	0 B	0.189	0	0	0	0	0	---	---	1
2	---	---	0B	0 B	0.171	0	0	0	0	0	---	---	2
3	---	---	0B	0.007B	0.186	0	0	0	0	0	---	---	3
4	---	---	0B	0.157B	0.161	0	0	0	0	0	---	---	4
5	---	---	0B	0.530B	0.193	0	0	0	0	0	---	---	5
6	---	---	0B	0.566B	0.176	0	0	0	0	0	---	---	6
7	---	---	0B	0.886B	0.169	0	0	0	0	0	---	---	7
8	---	---	0B	1.75 B	0.156	0	0	0	0	0	---	---	8
9	---	---	0B	4.15 B	0.090	0	0	0	0	0	---	---	9
10	---	---	0B	4.40 B	0.080	0	0	0	0	0	---	---	10
11	---	---	0B	5.04 B	0.045	0	0	0	0	0	---	---	11
12	---	---	0B	7.07	0.033	0	0	0	0	0	---	---	12
13	---	---	0B	8.07	0.024	0	0	0	0	0	---	---	13
14	---	---	0B	6.00	0.018	0	0	0	0	0	---	---	14
15	---	---	0B	3.84	0.010	0	0	0	0	0	---	---	15
16	---	---	0B	2.71	0.007	0	0	0	0	0	---	---	16
17	---	---	0B	1.72	0.006	0	0	0	0	0	---	---	17
18	---	---	0B	1.15	0.012	0	0	0	0	0	---	---	18
19	---	---	0B	0.784	0.013	0	0	0	0	0	---	---	19
20	---	---	0B	0.596	0.010	0	0	0	0	0	---	---	20
21	---	---	0B	0.481	0.007	0	0	0	0	0	---	---	21
22	---	---	0B	0.336	0.003	0	0	0	0	0	---	---	22
23	---	---	0B	0.260	0.001	0	0	0	0	0	---	---	23
24	---	---	0B	0.237	0.001	0	0	0	0	0	---	---	24
25	---	---	0B	0.113	0.003	0	0	0	0	0	---	---	25
26	---	---	0B	0.108	0.001	0	0	0	0	0	---	---	26
27	---	---	0B	0.123	0	0	0	0	0	0	---	---	27
28	---	---	0B	0.143	0	0	0	0	0	0	---	---	28
29	---	0B	0B	0.151	0	0	0	0	0	0	---	---	29
30	---		0B	0.133	0	0	0	0	0	0	---	---	30
31	---		0B		0		0	0		0		---	31
TOTAL	---	---	0	52.051	1.663	0	0	0	0	0	---	---	TOTAL
MEAN	---	---	0	1.74	0.054	0	0	0	0	0	---	---	MEAN
MAX	---	---	0	8.07	0.176	0	0	0	0	0	---	---	MAX
MIN	---	---	0	0	0	0	0	0	0	0	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.219
MAXIMUM DAILY, 8.07 ON APR 13
MINIMUM DAILY, 0B ON MAR 1
MAXIMUM INSTANTANEOUS,
10.3 AT 12:15 CST ON APR 13

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 52 47 51 N
LONG 102 22 14 W
DRAINAGE AREA, 181 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	0
FEB	---	AUG	0
MAR	0	SEP	0
APR	4 500	OCT	0
MAY	144	NOV	---
JUN	0	DEC	---

TOTAL DISCHARGE, 4 640 dam³

LONG CREEK AT WESTERN CROSSING OF INTERNATIONAL BOUNDARY - STATION NO. 05NA003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0B	0B	0B	0	0	0	0	0	0	0	0	0	1
2	0B	0B	0B	0	0	0	0	0	0	0	0	0	2
3	0B	0B	0B	0	0	0	0	0	0	0	0	0	3
4	0B	0B	0B	0	0	0	0	0	0	0	0	0	4
5	0B	0B	0B	0	0	0	0	0	0	0	0	0	5
6	0B	0B	0B	0	0	0	0	0	0	0	0	0	6
7	0B	0B	0B	0	0	0	0	0	0	0	0	0	7
8	0B	0B	0B	0	0	0	0	0	0	0	0	0	8
9	0B	0B	0B	0	0	0	0	0	0	0	0	0	9
10	0B	0B	0B	0	0	0	0	0	0	0	0	0	10
11	0B	0B	0B	0	0	0	0	0	0	0	0	0	11
12	0B	0B	0B	0	0	0	0	0	0	0	0	0	12
13	0B	0B	0B	0	0	0	0	0	0	0	0	0	13
14	0B	0B	0B	0	0	0	0	0	0	0	0	0	14
15	0B	0B	0B	0	0	0	0	0	0	0	0	0	15
16	0B	0B	0B	0	0	0	0	0	0	0	0	0	16
17	0B	0B	0B	0	0	0	0	0	0	0	0	0	17
18	0B	0B	0B	0	0	0	0	0	0	0	0	0	18
19	0B	0B	0B	0	0	0	0	0	0	0	0	0	19
20	0B	0B	0B	0	0	0	0	0	0	0	0	0	20
21	0B	0B	0	0	0	0	0	0	0	0	0	0	21
22	0B	0B	0	0	0	0	0	0	0	0	0	0	22
23	0B	0B	0	0	0	0	0	0	0	0	0	0	23
24	0B	0B	0	0	0	0	0	0	0	0	0	0	24
25	0B	0B	0	0	0	0	0	0	0	0	0	0	25
26	0B	0B	0	0	0	0	0	0	0	0	0	0	26
27	0B	0B	0	0	0	0	0	0	0	0	0	0	27
28	0B	0B	0	0	0	0	0	0	0	0	0	0	28
29	0B	0B	0	0	0	0	0	0	0	0	0	0	29
30	0B		0	0	0	0	0	0	0	0	0	0	30
31	0B		0		0		0	0		0		0	31
TOTAL	0	0	0	0	0	0	0	0	0	0	0	0	TOTAL
MEAN	0	0	0	0	0	0	0	0	0	0	0	0	MEAN
MAX	0	0	0	0	0	0	0	0	0	0	0	0	MAX
MIN	0	0	0	0	0	0	0	0	0	0	0	0	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0
MAXIMUM DAILY, 0B ON JAN 1
MINIMUM DAILY, 0B ON JAN 1
MAXIMUM INSTANTANEOUS,
0 AT 00:00 CST ON JAN 1

SUMMARY FOR THE YEAR 1988

INTERNATIONAL GAUGING STATION
TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 00 01 N
LONG 103 21 08 W
DRAINAGE AREA, 3 210 km^2

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	0	JUL	0
FEB	0	AUG	0
MAR	0	SEP	0
APR	0	OCT	0
MAY	0	NOV	0
JUN	0	DEC	0

TOTAL DISCHARGE, 0 dam^3

LONG CREEK NEAR ESTEVAN - STATION NO. 05NB001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.009B	0.008B	0.015	0.013E	0.009E	0.013	0.037	0.004	0.002	0.003	0.010E	0.007B	1
2	0.008B	0.004B	0.015	0.013E	0.017E	0.013	0.036	0.013A	0.001	0.003	0.010A	0.005B	2
3	0.007B	0.004B	0.015	0.012E	0.025E	0.015	0.035	0.012A	0.001	0.002	0.010	0.004B	3
4	0.008B	0.004B	0.016	0.012E	0.023A	0.020	0.037	0.002E	0.002	0.001	0.009	0.004B	4
5	0.011B	0.004B	0.017	0.011E	0.020	0.019	0.073	0.001E	0.004	0.003	0.009	0.004B	5
6	0.011B	0.005B	0.017	0.010A	0.020	0.018	0.057	0.001E	0.005	0.004	0.008	0.004B	6
7	0.010B	0.008B	0.018	0.011	0.015	0.018	0.046	0.001E	0.005	0.003	0.008	0.004B	7
8	0.008B	0.008B	0.018	0.006	0.013	0.017	0.035	0.001E	0.009	0.003	0.007	0.004B	8
9	0.009B	0.007B	0.019	0.005	0.011	0.017	0.030	0.018A	0.010	0.003	0.006	0.004B	9
10	0.009B	0.008B	0.017	0.005	0.010	0.017	0.026	0.005E	0.012	0.003	0.005	0.004B	10
11	0.008B	0.008B	0.015	0.005	0.009	0.015	0.022	0.003E	0.014	0.003	0.005	0.004B	11
12	0.007B	0.007B	0.015	0.005	0.009	0.015	0.021	0.002E	0.012	0.003	0.005	0.005B	12
13	0.008B	0.008B	0.015	0.005	0.009	0.015	0.016	0.001E	0.010	0.002	0.005	0.005B	13
14	0.007B	0.008B	0.014	0.004	0.010	0.018	0.013	0.001E	0.011	0.002	0.006	0.004B	14
15	0.008B	0.008B	0.015	0.004	0.011	0.019	0.010	0.001E	0.011	0.002	0.007	0.004B	15
16	0.008B	0.009B	0.014	0.005	0.010	0.017	0.009	0.001E	0.009	0.002	0.006	0.004B	16
17	0.008B	0.010B	0.015	0.005	0.009	0.018	0.010	0.001E	0.009	0.002	0.006B	0.004B	17
18	0.007B	0.011B	0.015	0.005	0.009	0.020	0.008	0.001E	0.013	0.003	0.006B	0.004B	18
19	0.007B	0.011B	0.015	0.005	0.009	0.021	0.005	0.001E	0.009	0.003	0.006B	0.005B	19
20	0.007B	0.008B	0.015	0.005	0.008	0.021	0.004A	0.003E	0.005	0.004	0.006B	0.005B	20
21	0.007B	0.011B	0.017	0.008A	0.008	0.029	0.003A	0.010E	0.012	0.003	0.006B	0.005B	21
22	0.007B	0.010B	0.017	0.008E	0.008	0.032	0.003	0.005E	0.006	0.003	0.006B	0.005B	22
23	0.007B	0.008B	0.019	0.008E	0.008	0.038	0.003	0.005E	0.003	0.002	0.006B	0.005B	23
24	0.007B	0.008B	0.019	0.008E	0.008	0.045	0.003	0.005E	0.002	0.002	0.007B	0.005B	24
25	0.008B	0.011B	0.017A	0.008E	0.008	0.045	0.002	0.005E	0.003	0.002	0.007B	0.005B	25
26	0.008B	0.013B	0.017E	0.008E	0.009	0.043	0.002	0.003E	0.003	0.003	0.006B	0.005B	26
27	0.008B	0.015	0.018E	0.008E	0.010	0.041	0.002	0.001E	0.002	0.004	0.006B	0.005B	27
28	0.011B	0.015	0.018E	0.008E	0.011	0.041	0.003	0.001E	0.002	0.009A	0.006B	0.005B	28
29	0.011B	0.015	0.018E	0.008E	0.011	0.040	0.002	0.001E	0.002	0.009E	0.007B	0.005B	29
30	0.010B		0.014E	0.008E	0.011	0.054	0.003	0.001A	0.003	0.009E	0.007B	0.006B	30
31	0.008B		0.014E		0.013		0.002	0.001		0.009E		0.007B	31
TOTAL	0.258	0.262	0.492	0.211	0.365	0.757	0.558	0.111	0.191	0.107	0.201	0.146	TOTAL
MEAN	0.008	0.009	0.016	0.007	0.012	0.025	0.018	0.004	0.006	0.003	0.007	0.005	MEAN
MAX	0.011	0.015	0.019	0.013	0.025	0.054	0.073	0.018	0.014	0.009	0.010	0.007	MAX
MIN	0.006	0.004	0.014	0.004	0.008	0.013	0.002	0.001	0.001	0.001	0.005	0.004	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.010
MAXIMUM DAILY, 0.073 ON JUL 5
MINIMUM DAILY, 0.001E ON AUG 5
MAXIMUM INSTANTANEOUS,
0.188 AT 03:42 CST ON JUL 5

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 06 15 N
LONG 103 00 48 W
DRAINAGE AREA, 4 840 km^2
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
REGULATED SINCE 1958

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	22.3	JUL	48.2
FEB	21.8	AUG	9.59
MAR	42.5	SEP	16.5
APR	18.2	OCT	9.24
MAY	31.5	NOV	17.4
JUN	65.4	DEC	12.6

TOTAL DISCHARGE, 315 dam^3

LONG CREEK NEAR MAXIM - STATION NO. 05NA004

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0	0	0	0	0	0	0	0	---	---	1
2	---	---	0	0	0	0	0	0	0	0	---	---	2
3	---	---	0	0	0	0	0	0	0	0	---	---	3
4	---	---	0	0	0	0	0	0	0	0	---	---	4
5	---	---	0	0	0	0	0	0	0	0	---	---	5
6	---	---	0	0	0	0	0	0	0	0	---	---	6
7	---	---	0	0	0	0	0	0	0	0	---	---	7
8	---	---	0	0	0	0	0	0	0	0	---	---	8
9	---	---	0	0	0	0	0	0	0	0	---	---	9
10	---	---	0	0	0	0	0	0	0	0	---	---	10
11	---	---	0	0	0	0	0	0	0	0	---	---	11
12	---	---	0	0	0	0	0	0	0	0	---	---	12
13	---	---	0	0	0	0	0	0	0	0	---	---	13
14	---	---	0	0	0	0	0	0	0	0	---	---	14
15	---	---	0	0	0	0	0	0	0	0	---	---	15
16	---	---	0	0	0	0	0	0	0	0	---	---	16
17	---	---	0	0	0	0	0	0	0	0	---	---	17
18	---	---	0	0	0	0	0	0	0	0	---	---	18
19	---	---	0	0	0	0	0	0	0	0	---	---	19
20	---	---	0	0	0	0	0	0	0	0	---	---	20
21	---	---	0	0	0	0	0	0	0	0	---	---	21
22	---	---	0	0	0	0	0	0	0	0	---	---	22
23	---	---	0	0	0	0	0	0	0	0	---	---	23
24	---	---	0	0	0	0	0	0	0	0	---	---	24
25	---	---	0	0	0	0	0	0	0	0	---	---	25
26	---	---	0	0	0	0	0	0	0	0	---	---	26
27	---	---	0	0	0	0	0	0	0	0	---	---	27
28	---	---	0	0	0	0	0	0	0	0	---	---	28
29	---	---	0	0	0	0	0	0	0	0	---	---	29
30	---		0	0	0	0	0	0	0	0	---	---	30
31	---		0		0		0	0		0		---	31
TOTAL	---	---	0	0	0	0	0	0	0	0	---	---	TOTAL
MEAN	---	---	0	0	0	0	0	0	0	0	---	---	MEAN
MAX	---	---	0	0	0	0	0	0	0	0	---	---	MAX
MIN	---	---	0	0	0	0	0	0	0	0	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0
MAXIMUM DAILY, 0 ON MAR 1
MINIMUM DAILY, 0 ON MAR 1
MAXIMUM INSTANTANEOUS,
0 AT 00:00 CST ON MAR 1

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 15 32 N
LONG 103 57 22 W
DRAINAGE AREA, 1 790 km²

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	0
FEB	---	AUG	0
MAR	0	SEP	0
APR	0	OCT	0
MAY	0	NOV	---
JUN	0	DEC	---

TOTAL DISCHARGE, 0 dam³

LONG CREEK NEAR NOONAN - STATION NO. 05NB027

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0B	0B	0 B	0.002	0.001	0	0	0	0	0	0	0	1
2	0B	0B	0 B	0.001	0.004	0	0	0	0	0	0	0	2
3	0B	0B	0 B	0.001	0.005	0	0	0	0	0	0	0	3
4	0B	0B	0 B	0.001	0.004	0	0	0	0	0	0	0	4
5	0B	0B	0.001B	0.001	0.003	0	0	0	0	0	0	0	5
6	0B	0B	0.002B	0.001	0.003	0	0	0	0	0	0	0	6
7	0B	0B	0.002B	0.001	0.003	0	0	0	0	0	0	0	7
8	0B	0B	0.003B	0.001	0.004	0	0	0	0	0	0	0	8
9	0B	0B	0.003B	0.001	0.003	0	0	0	0	0	0	0	9
10	0B	0B	0.004B	0.001	0.003	0	0	0	0	0	0	0	10
11	0B	0B	0.004B	0.001	0.003	0	0	0	0	0	0	0	11
12	0B	0B	0.003B	0	0.002	0	0	0	0	0	0	0	12
13	0B	0B	0.003B	0	0.002	0	0	0	0	0	0	0	13
14	0B	0B	0.003B	0	0.003	0	0	0	0	0	0	0	14
15	0B	0B	0.002B	0	0.003	0	0	0	0	0	0	0	15
16	0B	0B	0.002B	0	0.002	0	0	0	0	0	0	0	16
17	0B	0B	0.002B	0	0.002	0	0	0	0	0	0	0	17
18	0B	0B	0.003B	0	0.002	0	0	0	0	0	0	0	18
19	0B	0B	0.003B	0	0.002	0	0	0	0	0	0	0	19
20	0B	0B	0.004B	0	0.002	0	0	0	0	0	0	0	20
21	0B	0B	0.005B	0	0.002	0	0	0	0	0	0	0	21
22	0B	0B	0.005B	0	0.002	0	0	0	0	0	0	0	22
23	0B	0B	0.006B	0	0.002	0	0	0	0	0	0	0	23
24	0B	0B	0.006B	0	0.001	0	0	0	0	0	0	0	24
25	0B	0B	0.005B	0	0.001	0	0	0	0	0	0	0	25
26	0B	0B	0.005B	0	0.001	0	0	0	0	0	0	0	26
27	0B	0B	0.005B	0	0.001	0	0	0	0	0	0	0	27
28	0B	0B	0.004B	0	0.001	0	0	0	0	0	0	0	28
29	0B	0B	0.003	0	0.001	0	0	0	0	0	0	0	29
30	0B		0.003	0.001	0.001	0	0	0	0	0	0	0	30
31	0B		0.002		0.001		0	0		0		0	31
TOTAL	0	0	0.093	0.013	0.070	0	0	0	0	0	0	0	TOTAL
MEAN	0	0	0.003	0	0.002	0	0	0	0	0	0	0	MEAN
MAX	0	0	0.006	0.002	0.005	0	0	0	0	0	0	0	MAX
MIN	0	0	0	0	0.001	0	0	0	0	0	0	0	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0
MAXIMUM DAILY, 0.006B ON MAR 23
MINIMUM DAILY, 0B ON JAN 1
MAXIMUM INSTANTANEOUS,
0.006 AT 13:45 CST ON MAY 2

SUMMARY FOR THE YEAR 1988

INTERNATIONAL GAUGING STATION
TYPE OF GAUGE - RECORDING
LOCATION - LAT 48 58 52 N
LONG 103 04 34 W
DRAINAGE AREA, 4 480 km²

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	0	JUL	0
FEB	0	AUG	0
MAR	8.04	SEP	0
APR	1.12	OCT	0
MAY	6.05	NOV	0
JUN	0	DEC	0

TOTAL DISCHARGE, 15.2 dam³

LOWER FISHING LAKE ON THE HANSON LAKE ROAD - STATION NO. 05KE008

DAILY WATER LEVEL IN METRES FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	---	---	---	---	---	---	---	---	1
2	---	---	---	---	---	490.281	---	---	---	---	490.283	---	2
3	---	---	---	---	---	---	---	490.260	490.273	---	---	---	3
4	---	---	---	---	---	---	490.235	490.287	---	---	---	---	4
5	---	---	---	---	---	---	---	---	---	---	---	---	5
6	---	---	---	---	---	---	---	---	---	---	---	---	6
7	---	---	---	---	---	---	---	---	---	---	---	---	7
8	---	---	---	---	---	---	---	---	---	---	---	---	8
9	---	---	---	---	---	490.258	---	---	---	---	---	---	9
10	---	---	---	---	---	---	490.235	---	---	---	---	---	10
11	---	---	---	---	---	---	---	490.307	---	---	---	---	11
12	---	---	---	---	---	---	---	---	---	---	---	---	12
13	---	---	---	---	---	---	---	---	---	---	---	---	13
14	---	---	---	---	---	---	490.281	490.302	---	---	---	---	14
15	---	---	---	---	---	---	---	---	---	---	---	---	15
16	---	---	---	---	---	---	---	---	---	---	---	---	16
17	---	---	---	---	---	490.244	---	---	---	---	---	---	17
18	---	---	---	---	---	---	---	---	---	---	---	---	18
19	---	---	---	---	---	---	---	490.262	---	---	---	---	19
20	---	---	---	---	---	---	---	---	---	---	---	---	20
21	---	---	---	---	---	---	490.281	---	---	---	---	---	21
22	---	---	---	---	---	---	---	---	---	---	---	---	22
23	---	---	---	---	---	490.234	---	---	---	---	---	---	23
24	---	---	---	---	---	---	---	---	---	---	---	---	24
25	---	---	---	---	490.304	---	---	490.262	---	---	---	---	25
26	---	---	---	---	---	---	---	490.262	---	---	---	---	26
27	---	---	---	---	490.307	---	---	---	---	---	---	---	27
28	---	---	---	---	---	---	490.277	490.288	---	---	---	---	28
29	---	---	---	---	---	---	---	---	---	---	---	---	29
30	---		---	---	---	490.236	---	---	---	---	---	---	30
31	---		---		---		---	---		---		---	31
MEAN	---	---	---	---	---	---	---	---	---	---	---	---	MEAN
MAX	---	---	---	---	---	---	---	---	---	---	---	---	MAX
MIN	---	---	---	---	---	---	---	---	---	---	---	---	MIN

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - MANUAL
LOCATION - LAT 54 02 11 N
LONG 104 38 51 W
DATA CONTRIBUTED BY -
SASKATCHEWAN WATER CORPORATION

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

LUMSDEN INDEX RESERVOIR - STATION NO. 05JF013

DAILY WATER LEVEL IN METRES FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	---	---	---	---	---	---	---	---	1
2	---	---	---	---	26.142	---	---	---	---	---	---	---	2
3	---	---	---	---	---	---	---	---	---	---	---	---	3
4	---	---	---	---	---	---	---	---	---	---	27.580	---	4
5	---	---	---	---	---	---	---	---	---	---	---	---	5
6	---	---	---	---	---	---	---	---	---	---	---	---	6
7	---	---	---	---	---	---	---	---	---	---	---	---	7
8	---	---	---	26.246	---	25.886	---	---	---	---	---	---	8
9	---	---	---	---	---	---	---	---	---	---	---	---	9
10	---	---	---	---	---	---	---	---	---	---	---	---	10
11	---	---	---	---	---	---	27.248	---	---	---	---	---	11
12	---	---	---	---	---	---	---	---	---	---	---	---	12
13	---	---	---	---	---	---	---	---	---	---	---	---	13
14	---	---	---	---	---	---	---	---	---	---	---	---	14
15	---	---	---	---	---	---	---	---	---	---	---	---	15
16	---	---	---	---	---	27.478	---	---	---	---	---	---	16
17	---	---	---	---	---	---	---	---	---	---	---	---	17
18	---	---	---	---	---	---	---	---	---	---	---	---	18
19	---	---	---	---	---	---	---	---	---	---	---	---	19
20	---	---	---	---	---	---	---	---	---	---	---	---	20
21	---	---	---	---	---	---	---	---	---	---	---	---	21
22	---	---	---	---	---	---	---	---	---	---	---	---	22
23	---	---	---	---	---	27.476	---	---	---	---	---	---	23
24	---	---	---	---	---	---	---	---	---	---	---	---	24
25	---	---	---	---	---	---	---	---	---	---	---	---	25
26	---	26.082	---	---	---	---	---	26.857	---	---	---	---	26
27	---	---	---	---	---	---	---	---	---	---	---	---	27
28	---	---	---	---	---	---	27.112	---	---	---	---	---	28
29	---	26.082E	---	---	---	---	---	---	26.734	---	---	---	29
30	---		---	26.150E	---	27.440E	---	---	26.730E	---	---	---	30
31	---		26.110E		25.850E		27.100E	26.920E		27.580E		---	31
MEAN	---	---	---	---	---	---	---	---	---	---	---	---	MEAN
MAX	---	---	---	---	---	---	---	---	---	---	---	---	MAX
MIN	---	---	---	---	---	---	---	---	---	---	---	---	MIN

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - MANUAL
LOCATION - LAT 50 32 31 N
LONG 104 50 37 W

E - ESTIMATED

WATER LEVELS ARE REFERRED TO ASSUMED DATUM

DRAINAGE AREA,
1.19 km²

LYONS CREEK AT INTERNATIONAL BOUNDARY - STATION NO. 11AB075

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0	0	0	0	0	0	0	0	---	---	1
2	---	---	0	0	0	0	0	0	0	0	---	---	2
3	---	---	0	0	0	0	0	0	0	0	---	---	3
4	---	---	0	0	0	0	0	0	0	0	---	---	4
5	---	---	0	0	0	0	0	0	0	0	---	---	5
6	---	---	0	0	0	0	0	0	0	0	---	---	6
7	---	---	0	0	0	0	0	0	0	0	---	---	7
8	---	---	0	0	0	0	0	0	0	0	---	---	8
9	---	---	0	0	0	0	0	0	0	0	---	---	9
10	---	---	0	0	0	0	0	0	0	0	---	---	10
11	---	---	0	0	0	0	0	0	0	0	---	---	11
12	---	---	0	0	0	0	0	0	0	0	---	---	12
13	---	---	0	0	0	0	0	0	0	0	---	---	13
14	---	---	0	0	0	0	0	0	0	0	---	---	14
15	---	---	0	0	0	0	0	0	0	0	---	---	15
16	---	---	0	0	0	0	0	0	0	0	---	---	16
17	---	---	0	0	0	0	0	0	0	0	---	---	17
18	---	---	0	0	0	0	0	0	0	0	---	---	18
19	---	---	0	0	0	0	0	0	0	0	---	---	19
20	---	---	0	0	0	0	0	0	0	0	---	---	20
21	---	---	0	0	0	0	0	0	0	0	---	---	21
22	---	---	0	0	0	0	0	0	0	0	---	---	22
23	---	---	0	0	0	0	0	0	0	0	---	---	23
24	---	---	0	0	0	0	0	0	0	0	---	---	24
25	---	---	0	0	0	0	0	0	0	0	---	---	25
26	---	---	0	0	0	0	0	0	0	0	---	---	26
27	---	---	0	0	0	0	0	0	0	0	---	---	27
28	---	---	0	0	0	0	0	0	0	0	---	---	28
29	---	---	0	0	0	0	0	0	0	0	---	---	29
30	---		0	0	0	0	0	0	0	0	---	---	30
31	---		0		0		0	0		0		---	31
TOTAL	---	---	0	0	0	0	0	0	0	0	---	---	TOTAL
MEAN	---	---	0	0	0	0	0	0	0	0	---	---	MEAN
MAX	---	---	0	0	0	0	0	0	0	0	---	---	MAX
MIN	---	---	0	0	0	0	0	0	0	0	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0
MAXIMUM DAILY, 0 ON MAR 1
MINIMUM DAILY, 0 ON MAR 1
MAXIMUM INSTANTANEOUS,
0 AT 00:00 CST ON MAR 1

SUMMARY FOR THE MONTHS MAR TO OCT

INTERNATIONAL GAUGING STATION
TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 00 17 N
LONG 109 13 48 W
DRAINAGE AREA, 174 km²

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	0
FEB	---	AUG	0
MAR	0	SEP	0
APR	0	OCT	0
MAY	0	NOV	---
JUN	0	DEC	---

TOTAL DISCHARGE, 0 dam³

MACDONALD CREEK NEAR BOUNTY - STATION NO. 05HF005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0 B	0.006	0	0	0	0	0	0	---	---	1
2	---	---	0 B	0.005	0	0	0	0	0	0	---	---	2
3	---	---	0 B	0.005	0	0	0	0	0	0	---	---	3
4	---	---	0 B	0.004	0	0	0	0	0	0	---	---	4
5	---	---	0 B	0.004	0	0	0	0	0	0	---	---	5
6	---	---	0 B	0.003	0	0	0	0	0	0	---	---	6
7	---	---	0 B	0.002	0	0	0	0	0	0	---	---	7
8	---	---	0 B	0.002	0	0	0	0	0	0	---	---	8
9	---	---	0 B	0.001	0	0	0	0	0	0	---	---	9
10	---	---	0 B	0.001	0	0	0	0	0	0	---	---	10
11	---	---	0 B	0.001	0	0	0	0	0	0	---	---	11
12	---	---	0 B	0	0	0	0	0	0	0	---	---	12
13	---	---	0 B	0	0	0	0	0	0	0	---	---	13
14	---	---	0 B	0	0	0	0	0	0	0	---	---	14
15	---	---	0 B	0	0	0	0	0	0	0	---	---	15
16	---	---	0 B	0	0	0	0	0	0	0	---	---	16
17	---	---	0 B	0	0	0	0	0	0	0	---	---	17
18	---	---	0 B	0	0	0	0	0	0	0	---	---	18
19	---	---	0 B	0	0	0	0	0	0	0	---	---	19
20	---	---	0.001B	0	0	0	0	0	0	0	---	---	20
21	---	---	0.007B	0	0	0	0	0	0	0	---	---	21
22	---	---	0.015B	0	0	0	0	0	0	0	---	---	22
23	---	---	0.015B	0	0	0	0	0	0	0	---	---	23
24	---	---	0.015B	0	0	0	0	0	0	0	---	---	24
25	---	---	0.014B	0	0	0	0	0	0	0	---	---	25
26	---	---	0.012B	0	0	0	0	0	0	0	---	---	26
27	---	---	0.010B	0	0	0	0	0	0	0	---	---	27
28	---	---	0.009B	0	0	0	0	0	0	0	---	---	28
29	---	---	0.008B	0	0	0	0	0	0	0	---	---	29
30	---		0.007B	0	0	0	0	0	0	0	---	---	30
31	---		0.006B		0		0	0		0		---	31
TOTAL	---	---	0.119	0.034	0	0	0	0	0	0	---	---	TOTAL
MEAN	---	---	0.004	0.001	0	0	0	0	0	0	---	---	MEAN
MAX	---	---	0.015	0.006	0	0	0	0	0	0	---	---	MAX
MIN	---	---	0	0	0	0	0	0	0	0	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.001
MAXIMUM DAILY, 0.015B ON MAR 22
MINIMUM DAILY, 0B ON MAR 1
MAXIMUM INSTANTANEOUS,
0.015 AT 00:00 CST ON MAR 22

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 51 31 58 N
LONG 107 24 44 W
DRAINAGE AREA, 2 550 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	0
FEB	---	AUG	0
MAR	10.3	SEP	0
APR	2.94	OCT	0
MAY	0	NOV	---
JUN	0	DEC	---

TOTAL DISCHARGE, 13.2 dam³

MACFARLANE RIVER AT OUTLET OF DAVY LAKE - STATION NO. 07MB001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1986

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	42.3	34.5	35.9	35.6	47.4	86.6	58.3	60.4	51.3	65.1	59.0	57.2	1
2	41.2	34.2	35.3	35.6	49.5	83.5	56.0	62.2	51.8	64.4	59.0	57.1	2
3	42.7	34.2	35.4	35.8	52.8	84.2	57.0	60.6	50.9	67.4	59.2	57.5	3
4	40.2	34.1	35.5	35.7	55.2	81.6	56.8	62.8	51.4	67.2	58.8	56.0	4
5	39.2	33.8	35.6	35.9	57.8	81.2	56.0	57.3	52.3	65.5	56.9	56.1	5
6	39.1	33.6	35.7	35.9	61.7	77.4	52.6	59.5	51.3	65.1	58.8	57.0	6
7	39.1	33.5	35.8	37.9	65.3	79.8	59.1	56.9	49.8	68.4	60.6	54.2	7
8	38.9	33.6	36.0	36.4	68.5	80.4	57.8	57.1	52.0	66.8	62.3	54.5	8
9	38.8	33.5	35.9	36.4	71.6	82.9	60.3	55.7	53.7	64.9	62.8	54.0	9
10	38.4	33.4	35.8	36.3	75.4	80.5	62.1	55.4	53.7	64.4	62.3	53.9	10
11	37.8	33.7	35.9	36.9	78.7	70.9	63.1	55.6	54.9	64.9	61.2	55.0	11
12	37.2	34.6	35.9	37.1	81.0	73.7	61.1	57.1	56.0	64.4	59.9	55.3	12
13	36.8	35.2	35.8	37.0	83.4	75.4	60.5	53.7	56.4	63.8	59.5	54.0	13
14	36.9	35.0	35.7	37.2	84.4	75.0	62.2	53.7	56.3	63.4	59.6	53.2	14
15	37.7	35.1	35.7	37.3	86.8	74.4	65.2	51.6	56.6	62.7	58.8	54.4	15
16	37.6	35.4	35.7	36.9	88.2	73.9	65.7	52.6	58.1	62.6	58.9	55.3	16
17	37.6	35.8	35.5	37.1	87.3	72.4	65.2	52.5	59.7	62.7	58.7	55.2	17
18	37.7	35.6	35.1	37.6	90.4	72.8	63.4	52.3	60.6	61.8	57.2	55.4	18
19	37.6	35.0	34.7	37.4	90.6	73.0	64.6	51.8	61.3	59.5	56.3	55.4	19
20	37.4	35.4	34.7	37.7	91.1	69.5	64.6	51.8	63.9	59.4	57.2	54.0	20
21	37.8	35.7	35.3	37.9	92.4	66.5	65.9	50.2	64.5	58.8	57.6	52.3	21
22	37.0	35.8A	35.6	38.1	91.6	65.4	67.3	50.2	63.3	57.9	56.0	53.6	22
23	36.9	35.6E	35.6	38.0	90.9	65.6	64.2	52.3	64.9	61.6	57.4	53.5	23
24	36.0	35.4A	35.3A	38.5	92.5	64.4	62.2	50.8	66.1	60.4	58.5	51.3	24
25	35.9	35.2	35.0A	38.8	90.7	64.1	62.8	50.8	64.7	59.4	58.4	51.2	25
26	36.2	35.2	35.1	39.1	90.0	62.9	63.6	50.1	64.3	55.6	58.0	50.9	26
27	36.4	35.9	35.2	39.3	90.0	60.6	62.7	51.2	66.0	56.4	56.9	50.9	27
28	36.2	36.0	35.2	40.4	88.0	61.7	61.4	52.7	66.9	57.3	57.4	49.1	28
29	35.6	35.7	35.0	42.2	85.3	60.3	61.6	52.0	67.4	58.3	59.2	48.4	29
30	35.4		35.3	44.3	85.8	60.3	62.5	52.2	65.3	58.5	58.8	47.8	30
31	35.0		35.8		86.7		59.8	51.5		59.3		47.3	31
TOTAL	1 172.4	1 009.8	1 100.1	1 128.5	2 451.3	2 182.0	1 907.8	1 681.7	1 763.7	1 926.9	1 763.1	1 665.7	TOTAL
MEAN	37.8	34.8	35.5	37.6	79.1	72.7	61.5	54.2	58.5	62.2	58.8	53.7	MEAN
MAX	42.7	36.0	36.0	44.3	92.5	86.6	67.3	62.8	67.4	67.4	62.8	58.1	MAX
MIN	35.0	33.4	34.7	35.4	47.4	60.3	52.6	50.1	49.8	55.6	55.8	47.3	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 53.9
MAXIMUM DAILY, 92.5 ON MAY 24
MINIMUM DAILY, 33.4 ON FEB 10
MAXIMUM INSTANTANEOUS,
94.4 AT 05:25 CST ON MAY 24

SUMMARY FOR THE YEAR 1986

TYPE OF GAUGE - RECORDING
LOCATION - LAT 56 56 00 N
LONG 108 10 30 W
DRAINAGE AREA, 9 120 km²
A - MANUAL GAUGE

E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	101 000	JUL	165 000
FEB	87 200	AUG	145 000
MAR	95 000	SEP	152 000
APR	97 500	OCT	166 000
MAY	212 000	NOV	152 000
JUN	189 000	DEC	144 000

TOTAL DISCHARGE, 1 710 000 dam³

MACNAB CREEK NEAR SOMME - STATION NO. 05LB006

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1986

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0B	0 B	0.179	0.001	0	0	0	0	---	---	1
2	---	---	0B	0 B	0.380	0	0	0	0	0	---	---	2
3	---	---	0B	0 B	0.347	0	0	0	0	0	---	---	3
4	---	---	0B	0 B	0.291	0	0	0	0	0	---	---	4
5	---	---	0B	0.0018	0.264	0	0	0	0	0	---	---	5
6	---	---	0B	0.0078	0.238	0	0	0	0	0	---	---	6
7	---	---	0B	0.2098	0.219	0	0	0	0	0	---	---	7
8	---	---	0B	0.5348	0.213	0	0	0	0	0	---	---	8
9	---	---	0B	0.2528	0.188	0	0	0	0	0	---	---	9
10	---	---	0B	0.2008	0.156	0	0	0	0	0	---	---	10
11	---	---	0B	1.36 B	0.129	0	0	0	0	0	---	---	11
12	---	---	0B	1.17	0.118	0	0	0	0	0	---	---	12
13	---	---	0B	0.560	0.106	0	0	0	0	0	---	---	13
14	---	---	0B	0.493	0.098	0	0	0	0	0	---	---	14
15	---	---	0B	0.428	0.087	0	0	0	0	0	---	---	15
16	---	---	0B	0.372	0.073	0	0	0	0	0	---	---	16
17	---	---	0B	0.283	0.059	0	0	0	0	0	---	---	17
18	---	---	0B	0.282	0.055	0	0	0	0	0	---	---	18
19	---	---	0B	0.216	0.049	0	0	0	0	0	---	---	19
20	---	---	0B	0.139	0.048	0	0	0	0	0	---	---	20
21	---	---	0B	0.077	0.050	0	0	0	0	0	---	---	21
22	---	---	0B	0.089	0.034	0	0	0	0	0	---	---	22
23	---	---	0B	0.051	0.010	0	0	0	0	0	---	---	23
24	---	---	0B	0.079	0.001	0	0	0	0	0	---	---	24
25	---	---	0B	0.086	0.039	0	0	0	0	0	---	---	25
26	---	---	0B	0.093	0.046	0	0	0	0	0	---	---	26
27	---	---	0B	0.074	0.067	0	0	0	0	0	---	---	27
28	---	---	0B	0.089	0.058	0	0	0	0	0	---	---	28
29	---	0B	0B	0.100	0.055	0	0	0	0	0	---	---	29
30	---		0B	0.084	0.022	0	0	0	0	0	---	---	30
31	---		0B		0.010		0	0		0		---	31
TOTAL	---	---	0	7.380	3.748	0.001	0	0	0	0	---	---	TOTAL
MEAN	---	---	0	0.245	0.121	0	0	0	0	0	---	---	MEAN
MAX	---	---	0	1.36	0.380	0.001	0	0	0	0	---	---	MAX
MIN	---	---	0	0	0.001	0	0	0	0	0	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.045
MAXIMUM DAILY, 1.36B ON APR 11
MINIMUM DAILY, 0B ON MAR 1
MAXIMUM INSTANTANEOUS,
3.06B AT 19:57 CST ON APR 11

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 52 35 29 N
LONG 102 57 57 W
DRAINAGE AREA, 87.5 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	0
FEB	---	AUG	0
MAR	0	SEP	0
APR	638	OCT	0
MAY	324	NOV	---
JUN	0.09	DEC	---

TOTAL DISCHARGE, 959 dam³

MADGE LAKE NEAR KAMSACK - STATION NO. 05LE012

DAILY WATER LEVEL IN METRES FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	---	808.990	808.885	808.781	808.787	808.684	---	---	1
2	---	---	---	---	---	808.990	808.885	808.785	808.763	---	---	---	2
3	---	---	---	---	---	808.985	808.883	808.781	808.760	---	---	---	3
4	---	---	---	---	---	808.980	808.882	808.781	808.748	808.681	---	---	4
5	---	---	---	---	---	808.980	808.880	808.777	808.743	808.685	---	---	5
6	---	---	---	---	---	808.974	808.878	808.778	808.738	808.685	---	---	6
7	---	---	---	---	---	808.969	808.870	808.788	808.730	808.681	---	---	7
8	---	---	---	---	---	808.963	808.868	808.782	808.728	---	---	---	8
9	---	---	---	---	---	808.955	808.866	808.788	808.718	---	---	---	9
10	---	---	---	---	---	808.961	808.867	808.783	---	---	---	---	10
11	---	---	---	---	---	808.971	808.867	808.749	---	808.674	---	---	11
12	---	---	---	---	---	808.962	808.861	808.744	---	808.672	---	---	12
13	---	---	---	---	808.977	808.958	808.857	808.744	808.705	808.671	---	---	13
14	---	---	---	---	---	808.954	808.847	808.741	808.701	808.669	---	---	14
15	---	---	---	---	---	808.954	808.844	808.737	808.699	---	---	---	15
16	---	---	---	---	---	808.950	808.848	808.732	808.698	---	---	---	16
17	---	---	---	---	---	808.948	808.846	808.782	---	808.669	---	---	17
18	---	---	---	---	---	808.943	808.844	808.785	---	---	---	---	18
19	---	---	---	---	---	808.937	808.843	808.781	808.692	808.668	---	---	19
20	---	---	---	---	---	808.933	808.843	808.777	808.690	808.664	---	---	20
21	---	---	---	---	---	808.923	808.843	808.778	808.688	808.662	---	---	21
22	---	---	---	---	---	808.925	808.842	808.776	808.683	---	---	---	22
23	---	---	---	---	---	808.922	808.842	808.787	808.681	---	---	---	23
24	---	---	---	---	---	808.920	808.841	808.787	---	808.657	---	---	24
25	---	---	---	---	---	808.918	808.828	808.782	---	808.655	---	---	25
26	---	---	---	---	---	808.920	808.808	808.780	808.693	808.653	---	---	26
27	---	---	---	---	---	808.908	808.802	808.777	808.686	808.663	---	---	27
28	---	---	---	---	---	808.904	808.788	808.773	---	---	---	---	28
29	---	---	---	---	---	808.899	808.789	808.770	808.688	---	---	---	29
30	---		---	---	---	808.881	808.784	808.784	808.688	---	---	---	30
31	---		---		808.985		808.785	808.782		---		---	31
MEAN	---	---	---	---	---	808.945	808.847	808.768	---	---	---	---	MEAN
MAX	---	---	---	---	---	808.990	808.882	808.787	---	---	---	---	MAX
MIN	---	---	---	---	---	808.881	808.784	808.732	---	---	---	---	MIN

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - MANUAL
LOCATION - LAT 51 38 23 N
LONG 101 39 43 W
DATA CONTRIBUTED BY -
SASKATCHEWAN WATER CORPORATION

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

MAGNUSSON CREEK NEAR WYNYARD - STATION NO. 05MA021

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0 B	0.042B	0	0	0	0	0	0	---	---	1
2	---	---	0 B	0.020B	0	0	0	0	0	0	---	---	2
3	---	---	0 B	1.81 B	0	0	0	0	0	0	---	---	3
4	---	---	0 B	1.75	0	0	0	0	0	0	---	---	4
5	---	---	0 B	1.43	0	0	0	0	0	0	---	---	5
6	---	---	0 B	0.804	0	0	0	0	0	0	---	---	6
7	---	---	0 B	0.565	0	0	0	0	0	0	---	---	7
8	---	---	0.001B	0.377	0	0	0	0	0	0	---	---	8
9	---	---	0.001B	0.217	0	0	0	0	0	0	---	---	9
10	---	---	0.001B	0.118	0	0	0	0	0	0	---	---	10
11	---	---	0 B	0.054	0	0	0	0	0	0	---	---	11
12	---	---	0 B	0.050	0	0	0	0	0	0	---	---	12
13	---	---	0 B	0.031	0	0	0	0	0	0	---	---	13
14	---	---	0 B	0.020	0	0	0	0	0	0	---	---	14
15	---	---	0 B	0.015	0.002	0	0	0	0	0	---	---	15
16	---	---	0 B	0.012	0.001	0	0	0	0	0	---	---	16
17	---	---	0 B	0.004	0	0	0	0	0	0	---	---	17
18	---	---	0 B	0.002	0	0	0	0	0	0	---	---	18
19	---	---	0 B	0.001	0	0	0	0	0	0	---	---	19
20	---	---	0 B	0.001	0	0	0	0	0	0	---	---	20
21	---	---	0 B	0	0	0	0	0	0	0	---	---	21
22	---	---	0.002B	0	0	0	0	0	0	0	---	---	22
23	---	---	0.005B	0	0	0	0	0	0	0	---	---	23
24	---	---	0.015B	0	0	0	0	0	0	0	---	---	24
25	---	---	0.005B	0	0	0	0	0	0	0	---	---	25
26	---	---	0.005B	0	0	0	0	0	0	0	---	---	26
27	---	---	0.003B	0	0	0	0	0	0	0	---	---	27
28	---	---	0.005B	0	0	0	0	0	0	0	---	---	28
29	---	---	0.005B	0	0	0	0	0	0	0	---	---	29
30	---		0.005B	0	0	0	0	0	0	0	---	---	30
31	---		0.005B		0		0	0		0		---	31
TOTAL	---	---	0.055	8.385	0.003	0	0	0	0	0	---	---	TOTAL
MEAN	---	---	0.002	0.280	0	0	0	0	0	0	---	---	MEAN
MAX	---	---	0.015	1.81	0.002	0	0	0	0	0	---	---	MAX
MIN	---	---	0	0	0	0	0	0	0	0	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.035
MAXIMUM DAILY, 1.818 ON APR 3
MINIMUM DAILY, 0B ON MAR 1
MAXIMUM INSTANTANEOUS,
2.258 AT 20:20 CST ON APR 3

TYPE OF GAUGE - RECORDING
LOCATION - LAT 51 46 52 N
LONG 104 12 11 W
DRAINAGE AREA, 121 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	0
FEB	---	AUG	0
MAR	5.56	SEP	0
APR	725	OCT	0
MAY	0.26	NOV	---
JUN	0	DEC	---

TOTAL DISCHARGE, 731 dam³

MAKWA LAKE NEAR LOON LAKE - STATION NO. 06AD014

DAILY WATER LEVEL IN METRES FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	---	524.198	---	524.117	524.211	524.174	---	---	1
2	---	---	---	---	---	---	---	---	---	---	---	---	2
3	---	---	---	---	---	---	524.173	---	---	---	524.152	---	3
4	---	---	---	---	---	---	---	---	---	---	524.141	---	4
5	---	---	---	---	---	---	---	---	---	---	---	---	5
6	---	---	---	---	---	---	---	---	---	---	---	---	6
7	---	---	---	---	---	---	---	---	---	---	---	---	7
8	---	---	---	---	---	---	---	---	---	---	---	---	8
9	---	---	---	---	---	---	---	---	---	---	---	---	9
10	---	---	---	---	524.205	---	---	---	---	---	---	---	10
11	---	---	---	---	---	---	---	---	---	---	---	---	11
12	---	---	---	---	---	---	---	---	---	---	---	---	12
13	---	---	---	---	---	---	---	---	---	---	---	---	13
14	---	---	---	---	---	---	---	---	---	---	---	---	14
15	---	---	---	---	---	524.182	524.182	524.150	524.173	524.170	---	---	15
16	---	---	---	---	---	---	---	---	---	---	---	---	16
17	---	---	---	---	524.212	---	---	524.230	---	---	---	---	17
18	---	---	---	---	---	---	---	---	---	---	---	---	18
19	---	---	---	---	---	---	---	---	---	---	---	---	19
20	---	---	---	---	---	---	---	---	---	---	---	---	20
21	---	---	---	---	---	---	524.184	---	---	---	---	---	21
22	---	---	---	---	---	---	---	---	---	---	---	---	22
23	---	---	---	---	---	---	---	---	---	---	---	---	23
24	---	---	---	---	---	---	---	---	---	---	---	---	24
25	---	---	---	---	---	---	---	---	---	---	---	---	25
26	---	---	---	---	---	---	---	---	---	---	---	---	26
27	---	---	---	---	---	---	---	---	---	---	---	---	27
28	---	---	---	---	---	---	---	---	---	---	---	---	28
29	---	---	---	---	---	---	---	---	---	---	---	---	29
30	---		---	---	---	---	---	---	---	---	---	---	30
31	---		---		524.195		---	---		---		---	31
MEAN	---	---	---	---	---	---	---	---	---	---	---	---	MEAN
MAX	---	---	---	---	---	---	---	---	---	---	---	---	MAX
MIN	---	---	---	---	---	---	---	---	---	---	---	---	MIN

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - MANUAL
LOCATION - LAT 54 04 46 N
LONG 109 12 23 W
DATA CONTRIBUTED BY -
SASKATCHEWAN WATER CORPORATION

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

MAKWA RIVER AT OUTLET OF MAKWA LAKE - STATION NO. 06AD008

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.143E	0.422	0.851	0.776	0.585	0.194	0.861	0.334	0.258	---	1
2	---	---	0.143E	0.419	0.886	0.815	0.573	0.160	0.785	0.324	0.257A	---	2
3	---	---	0.143E	0.446	1.12	0.770	0.585	0.134	0.706	0.318	---	---	3
4	---	---	0.143E	0.486	1.05	0.776	0.536	0.119	0.654	0.308	---	---	4
5	---	---	0.143E	0.537	0.983	0.764	0.538	0.113	0.623	0.303	---	---	5
6	---	---	0.143E	0.584	1.00	0.726	0.775	0.151	0.580	0.305	---	---	6
7	---	---	0.143E	0.706	1.02	0.854	0.871	0.227	0.528	0.310	---	---	7
8	---	---	0.143A	0.743	1.00	0.585	0.712	0.221	0.521	0.310	---	---	8
9	---	---	0.143B	0.775	0.955	0.859	0.557	0.218	0.505	0.310	---	---	9
10	---	---	0.158B	0.811	0.951	0.639	0.522	0.218	0.452	0.312	---	---	10
11	---	---	0.163B	0.838	0.908	0.780	0.512	0.209	0.424	0.311	---	---	11
12	---	---	0.165B	0.828	0.853	0.565	0.524	0.212	0.410	0.305	---	---	12
13	---	---	0.165B	0.817	0.848	0.523	0.582	0.213	0.374	0.288	---	---	13
14	---	---	0.167B	0.763	0.849	0.494	0.544	0.241	0.357	0.304	---	---	14
15	---	---	0.182B	0.785	0.891	0.485	0.628	0.247	0.337	0.313	---	---	15
16	---	---	0.188B	0.785	0.634	0.558	0.617	0.243	0.338	0.311	---	---	16
17	---	---	0.203B	0.788	0.654	0.521	0.560	0.233	0.371	0.304	---	---	17
18	---	---	0.206	0.763	0.781	0.522	0.483	0.256	0.377	0.303	---	---	18
19	---	---	0.214	0.763	0.730	0.500	0.461	0.358	0.370	0.298	---	---	19
20	---	---	0.220	0.781	0.668	0.415	0.442	0.382	0.380	0.294	---	---	20
21	---	---	0.221	0.789	0.654	0.398	0.485	0.448	0.380	0.288	---	---	21
22	---	---	0.221	0.824	0.640	0.349	0.458	1.02	0.359	0.315	---	---	22
23	---	---	0.225	0.824	0.600	0.330	0.427	1.05	0.356	0.307	---	---	23
24	---	---	0.258	0.810	0.618	0.388	0.361	1.05	0.349	0.297	---	---	24
25	---	---	0.277	0.828	0.602	0.380	0.339	1.02	0.347	0.302	---	---	25
26	---	---	0.280	0.837	0.628	0.365	0.324	1.02	0.380	0.311	---	---	26
27	---	---	0.327B	0.855	0.631	0.373	0.307	1.01	0.384	0.279	---	---	27
28	---	---	0.364B	0.822	0.610	0.378	0.281	1.00	0.361	0.285	---	---	28
29	---	---	0.417	0.853	0.605	0.460	0.265	0.975	0.351	0.281	---	---	29
30	---		0.409	0.852	0.723	0.822	0.236	1.03	0.352	0.259	---	---	30
31	---		0.412		0.638		0.223	0.995		0.281		---	31
TOTAL	---	---	6.898	22.327	25.304	16.592	15.279	14.947	13.667	9.327	---	---	TOTAL
MEAN	---	---	0.223	0.744	0.816	0.553	0.493	0.482	0.456	0.301	---	---	MEAN
MAX	---	---	0.417	0.852	1.12	0.815	0.871	1.05	0.861	0.334	---	---	MAX
MIN	---	---	0.143	0.419	0.600	0.330	0.223	0.113	0.337	0.259	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.508
MAXIMUM DAILY, 1.12 ON MAY 3
MINIMUM DAILY, 0.113 ON AUG 5
MAXIMUM INSTANTANEOUS,
1.20 AT 10:45 CST ON APR 30

TYPE OF GAUGE - RECORDING
LOCATION - LAT 54 04 40 N
LONG 109 12 00 W
DRAINAGE AREA, 1 420 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	1 320
FEB	---	AUG	1 290
MAR	596	SEP	1 180
APR	1 930	OCT	806
MAY	2 190	NOV	---
JUN	1 430	DEC	---

TOTAL DISCHARGE, 10 700 dam³

REMARKS - THE MAXIMUM INSTANTANEOUS DISCHARGE WAS PARTLY DUE TO WIND ON MAKWA LAKE

MAKWA RIVER AT RAPID VIEW - STATION NO. 05AD007

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.148B	0.568B	1.60	2.17	0.820E	2.32	17.0	3.98	1.07B	---	1
2	---	---	0.148B	0.718B	1.58	2.77	0.875E	2.17	16.6	3.73	1.10B	---	2
3	---	---	0.148B	0.877B	1.48	2.87	0.920E	2.06	15.9	3.55	1.11B	---	3
4	---	---	0.148B	1.36 B	1.45	2.76	1.05 E	1.93	15.1	3.40	---	---	4
5	---	---	0.148B	1.71 B	1.56	2.39	1.15 E	1.90	14.6	3.23	---	---	5
6	---	---	0.148B	2.11 B	1.56	2.18	1.22 E	2.09	14.1	3.04	---	---	6
7	---	---	0.148B	2.50 B	1.49	2.10	1.34 A	2.61	13.3	2.86	---	---	7
8	---	---	0.148B	2.81 B	1.50	2.00	1.64	2.42	12.8	2.74	---	---	8
9	---	---	0.148B	3.12 B	1.42	1.98	1.75	2.30	12.4	2.57	---	---	9
10	---	---	0.148B	3.85 B	1.33	1.80	2.59	2.20	11.8	2.41	---	---	10
11	---	---	0.148B	7.37 B	1.32	1.78	6.25	2.12	11.3	2.26	---	---	11
12	---	---	0.148B	12.7 B	1.33	1.68	9.99	2.11	10.5	2.13	---	---	12
13	---	---	0.148B	12.6	1.32	1.80	11.6	2.04	9.87	2.00	---	---	13
14	---	---	0.150B	11.8	1.21	1.82	12.0 A	1.97	9.13	1.86	---	---	14
15	---	---	0.152B	10.9	1.41	1.61	12.4	1.91	8.56	1.74	---	---	15
16	---	---	0.155B	9.52	1.85	1.48	11.9	1.86	7.99	1.60	---	---	16
17	---	---	0.160B	8.36	1.56	1.37	11.1	1.86	7.65	1.52	---	---	17
18	---	---	0.175B	7.03	1.38	1.28	9.80	1.85	7.38	1.42	---	---	18
19	---	---	0.190B	5.86	1.31	1.20	8.64	2.03	7.00	1.35	---	---	19
20	---	---	0.205B	4.95	1.28	1.06	7.95	1.91	6.73	1.30	---	---	20
21	---	---	0.231B	4.32	1.25	0.970	7.03	2.22	6.52	1.26	---	---	21
22	---	---	0.261B	3.84	1.14	0.892	6.12	3.66	6.19	1.18	---	---	22
23	---	---	0.343B	3.40	1.04	0.807	5.34	3.63	5.94	1.15	---	---	23
24	---	---	0.386B	3.13	1.04	0.758	4.73	3.84	5.59	1.12	---	---	24
25	---	---	0.384B	2.81	1.01	0.713	4.27	4.27	5.30	1.13	---	---	25
26	---	---	0.427B	2.55	0.982	0.720E	3.85	5.09	5.06	1.13B	---	---	26
27	---	---	0.438B	2.28	0.858	0.722E	3.44	7.97	4.90	1.07B	---	---	27
28	---	---	0.433B	2.06	0.877	0.735E	3.18	11.6	4.69	1.10B	---	---	28
29	---	---	0.437B	1.93	0.765	0.750E	2.88	14.1	4.50	1.09B	---	---	29
30	---		0.428B	1.78	0.895	0.775E	2.70	15.3	4.23	1.07B	---	---	30
31	---		0.438B		1.51		2.52	16.8		1.06B		---	31
TOTAL	---	---	7.316	138.011	40.166	45.842	161.525	130.23	282.85	61.06	---	---	TOTAL
MEAN	---	---	0.236	4.63	1.30	1.52	5.21	4.20	9.43	1.97	---	---	MEAN
MAX	---	---	0.438	12.7	1.85	2.87	12.4	16.8	17.0	3.98	---	---	MAX
MIN	---	---	0.148	0.568	0.765	0.713	0.820	1.85	4.23	1.06	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 3.54
MAXIMUM DAILY, 17.0 ON SEP 1
MINIMUM DAILY, 0.148B ON MAR 1
MAXIMUM INSTANTANEOUS,
17.0 AT 23:42 CST ON AUG 31

TYPE OF GAUGE - RECORDING
LOCATION - LAT 54 08 50 N
LONG 108 48 20 W
DRAINAGE AREA, 2 740 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	14 000
FEB	---	AUG	11 300
MAR	632	SEP	24 400
APR	12 000	OCT	5 280
MAY	3 470	NOV	---
JUN	3 960	DEC	---

TOTAL DISCHARGE, 75 000 dam³

MALONECK CREEK NEAR PELLY - STATION NO. 05LE011

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0 B	0.108B	6.41	0.381	0.001	0	0	0	---	---	1
2	---	---	0 B	0.259B	22.7	0.317	0.001	0	0	0	---	---	2
3	---	---	0 B	0.428B	28.9	0.221	0.001	0	0	0	---	---	3
4	---	---	0 B	0.977B	16.9	0.177	0.001	0	0	0	---	---	4
5	---	---	0 B	6.53 B	9.97	0.145	0.001	0	0	0	---	---	5
6	---	---	0 B	6.82 B	6.19 A	0.110	0.001	0	0	0	---	---	6
7	---	---	0 B	4.73 B	4.82 E	0.059	0.001	0	0	0	---	---	7
8	---	---	0 B	4.43 B	3.98 E	0.044	0.001	0	0	0	---	---	8
9	---	---	0 B	5.84 B	3.16 E	0.045	0.001	0	0	0	---	---	9
10	---	---	0 B	7.06 B	2.46 A	0.026	0.001	0	0	0	---	---	10
11	---	---	0 B	9.82 B	2.17	0.052	0.001	0	0	0	---	---	11
12	---	---	0 B	10.1 B	1.84	0.041	0.001	0	0	0	---	---	12
13	---	---	0 B	9.04 B	1.56	0.038	0.001	0	0	0	---	---	13
14	---	---	0 B	8.88 B	1.38	0.043	0.001	0	0	0	---	---	14
15	---	---	0 B	7.39	1.24	0.055	0.001	0	0	0	---	---	15
16	---	---	0 B	6.09	1.11	0.041	0.001	0	0	0	---	---	16
17	---	---	0 B	4.88	1.05	0.061	0	0	0	0	---	---	17
18	---	---	0 B	4.11	1.00	0.041	0	0	0	0	---	---	18
19	---	---	0 B	3.40	0.981	0.032	0	0	0	0	---	---	19
20	---	---	0 B	3.03	0.913	0.017	0	0	0	0	---	---	20
21	---	---	0 B	2.70	0.915	0.008	0	0	0	0	---	---	21
22	---	---	0 B	2.41	0.820	0.005	0	0	0	0	---	---	22
23	---	---	0 B	2.13	0.736	0.004	0	0	0	0	---	---	23
24	---	---	0 B	1.83	0.630	0.003	0	0	0	0	---	---	24
25	---	---	0 B	1.67	0.581	0.002	0	0	0	0	---	---	25
26	---	---	0 B	1.75	0.582	0.002	0	0	0	0	---	---	26
27	---	---	0 B	1.67 A	0.595	0.002	0	0	0	0	---	---	27
28	---	---	0 B	1.70	0.567	0.002	0	0	0	0	---	---	28
29	---	---	0 B	1.72	0.572	0.001	0	0	0	0	---	---	29
30	---		0 B	2.34	0.531	0.001	0	0	0	0	---	---	30
31	---		0.027B		0.454		0	0		0		---	31
TOTAL	---	---	0.027	123.882	128.708	1.939	0.016	0	0	0	---	---	TOTAL
MEAN	---	---	0.001	4.12	4.15	0.065	0.001	0	0	0	---	---	MEAN
MAX	---	---	0.027	10.1	28.9	0.381	0.001	0	0	0	---	---	MAX
MIN	---	---	0	0.108	0.454	0.001	0	0	0	0	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.04
MAXIMUM DAILY, 28.9 ON MAY 3
MINIMUM DAILY, 0B ON MAR 1
MAXIMUM INSTANTANEOUS,
33.9 AT 20:33 CST ON MAY 2

TYPE OF GAUGE - RECORDING
LOCATION - LAT 51 58 08 N
LONG 101 54 50 W
DRAINAGE AREA, 180 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	1.38
FEB	---	AUG	0
MAR	2.33	SEP	0
APR	10 700	OCT	0
MAY	11 100	NOV	---
JUN	168	DEC	---

TOTAL DISCHARGE, 22 000 dam³

REMARKS - THE PEAK OCCURRED AS A RESULT OF HEAVY RAINS

MANITO LAKE NEAR MARSDEN - STATION NO. 05GA005

DAILY WATER LEVEL IN METRES FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	---	24.133	24.084	24.098	24.082	---	---	---	1
2	---	---	---	---	---	24.131	24.081	24.096	24.080	---	---	---	2
3	---	---	---	---	---	24.129	24.080	24.095	24.058	---	---	---	3
4	---	---	---	---	24.162	24.125	24.089	24.095	24.058	---	---	---	4
5	---	---	---	---	24.157	24.123	24.088	24.093	24.057	---	---	---	5
6	---	---	---	---	24.157	24.122	24.080	24.092	24.058	---	---	---	6
7	---	---	---	---	24.165	24.121	24.082	24.091	24.058	---	---	---	7
8	---	---	---	---	24.164	24.121	24.085	24.090	24.055	---	---	---	8
9	---	---	---	---	24.164	24.120	24.089	24.095	24.055	---	---	---	9
10	---	---	---	---	24.164	24.120	24.103	24.090	---	---	---	---	10
11	---	---	---	---	24.164	24.120	24.108	24.090	---	---	---	---	11
12	---	---	---	---	24.164	24.120	24.111	24.090	---	23.948	---	---	12
13	---	---	---	---	24.164	24.119	24.112	24.090	---	---	---	---	13
14	---	---	---	---	24.164	24.119	24.115	24.090	---	---	---	---	14
15	---	---	---	---	24.164	24.119	24.119	24.090	---	---	---	---	15
16	---	---	---	---	24.163	24.118	24.121	24.090	---	---	---	---	16
17	---	---	---	---	24.163	24.118	24.121	24.090	---	---	---	---	17
18	---	---	---	---	24.162	24.118	24.120	24.090	---	---	---	---	18
19	---	---	---	---	24.161	24.118	24.118	24.090	---	---	---	---	19
20	---	---	---	---	24.160	24.114	24.118	24.090	---	---	---	---	20
21	---	---	---	---	24.158	24.110	24.118	24.090	---	---	---	---	21
22	---	---	---	---	24.156	24.107	24.114	24.090	---	---	---	---	22
23	---	---	---	---	24.154	24.104	24.112	24.088	---	---	---	---	23
24	---	---	---	---	24.152	24.100	24.109	24.087	---	---	---	---	24
25	---	---	---	---	24.150	24.098	24.107	24.085	---	---	---	---	25
26	---	---	---	---	24.146	24.098	24.105	24.084	---	---	---	---	26
27	---	---	---	---	24.144	24.095	24.103	24.084	---	---	---	---	27
28	---	---	---	---	24.143	24.093	24.100	24.080	---	---	---	---	28
29	---	---	---	---	24.139	24.094	24.098	24.074	---	---	---	---	29
30	---		---	---	24.136	24.095	24.097	24.069	---	---	---	---	30
31	---		---		24.134		24.098	24.084		---		---	31
MEAN	---	---	---	---	---	24.114	24.105	24.088	---	---	---	---	MEAN
MAX	---	---	---	---	---	24.133	24.121	24.098	---	---	---	---	MAX
MIN	---	---	---	---	---	24.093	24.088	24.084	---	---	---	---	MIN

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - MANUAL
LOCATION - LAT 52 47 33 N
LONG 109 47 14 W
DATA CONTRIBUTED BY -
SASKATCHEWAN WATER CORPORATION

NATURAL FLOW

WATER LEVELS ARE REFERRED TO ASSUMED DATUM

MAPLE CREEK BELOW JUNCTION RESERVOIR - STATION NO. 05HA078

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	0 B	0.002B	0.005	1.74	0.003	0	0	0	0.003E	---	---	1
2	---	0 B	0.004B	0.007	1.75	0.003	0	0	0	0.002E	---	---	2
3	---	0 B	0.002B	0.008	1.76	0.003	0	0	0	0.002E	---	---	3
4	---	0 B	0.003B	0.004	1.75	0.002	0	0	0	0.002E	---	---	4
5	---	0 B	0.005B	0.004	1.58	0.002	0	0	0	0.002E	---	---	5
6	---	0 B	0.005B	0.003	1.47	0.002	0	0	0	0.002E	---	---	6
7	---	0 B	0.005B	0.002	1.50	0.001	0	0	0	0.001E	---	---	7
8	---	0 B	0.008B	0.001	1.50	0.001	0	0	0	0.001E	---	---	8
9	---	0 B	0.008B	0	1.51	0.011	0	0	0	0.001E	---	---	9
10	---	0 B	0.007B	0	1.52	0.014	0	0	0	0.001E	---	---	10
11	---	0 B	0.007B	0	1.50	0.007	0	0	0	0.001E	---	---	11
12	---	0 B	0.006B	0	1.53	0.003	0	0	0	0.001E	---	---	12
13	---	0 B	0.007B	0	1.54	0.004	0	0	0	0.001E	---	---	13
14	---	0 B	0.007B	0	1.59	0.007	0	0	0.001	0.001E	---	---	14
15	---	0 B	0.008B	0	2.01	0.007	0	0	0.001	0.001E	---	---	15
16	---	0 B	0.007B	0	2.06	0.004	0	0.001	0.001	0.001E	---	---	16
17	---	0 B	0.007B	0	2.08	0.002	0	0.005	0.001	0.001E	---	---	17
18	---	0 B	0.008B	0	2.10	0	0	0.005	0.002	0.001E	---	---	18
19	---	0 B	0.010B	0	1.99	0	0	0.004	0.002	0.001E	---	---	19
20	---	0 B	0.009	0	1.91	0	0.531	0.003	0.003	0.001E	---	---	20
21	---	0 B	0.009	0.836	1.83	0	0.008	0.003	0.002	0.002E	---	---	21
22	---	0 B	0.007	1.50	1.58	0	0.004	0.004	0.002	0.002E	---	---	22
23	---	0 B	0.005	1.51	0.843	0	0.004	0.003	0.323	0.002E	---	---	23
24	---	0 B	0.005	1.48	0.005	0	0.004	0.002	1.45	0.002E	---	---	24
25	---	0 B	0.005	1.46	0.003	0	0.004	0.001	1.39	0.002E	---	---	25
26	---	0 B	0.005	1.46	0.003	0	0.004	0	1.10	0.002E	---	---	26
27	---	0 B	0.005	1.61	0.003	0	0.003	0	0.007	0.002B	---	---	27
28	---	0 B	0.004	1.70	0.002	0	0.002	0.001	0.003	0.002B	---	---	28
29	---	0.003B	0.004	1.72	0.002	0	0.002	0.001	0.003E	0.002B	---	---	29
30	---		0.005	1.75	0.002	0	0.002	0	0.003E	0.002B	---	---	30
31	---		0.005		0.003		0.001	0		0.002B		---	31
TOTAL	---	0.003	0.155	15.108	40.495	0.075	0.557	0.035	4.294	0.048	---	---	TOTAL
MEAN	---	0	0.005	0.504	1.31	0.003	0.018	0.001	0.143	0.002	---	---	MEAN
MAX	---	0.003	0.010	1.75	2.10	0.014	0.531	0.005	1.45	0.003	---	---	MAX
MIN	---	0	0.002	0	0.002	0	0	0	0	0.001	---	---	MIN

SUMMARY FOR THE MONTHS FEB TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.222
MAXIMUM DAILY, 2.10 ON MAY 18
MINIMUM DAILY, 0B ON FEB 1
MAXIMUM INSTANTANEOUS,
5.19 AT 11:21 CST ON JUL 20

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 46 52 N
LONG 109 31 22 W
DRAINAGE AREA, 1 240 km²

B - ICE CONDITIONS
E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	48.0
FEB	0.26	AUG	3.02
MAR	15.0	SEP	371
APR	1 310	OCT	4.23
MAY	3 500	NOV	---
JUN	6.57	DEC	---

TOTAL DISCHARGE, 5 260 dam³

MAREAN LAKE NEAR CHELAN - STATION NO. 05LB012

DAILY WATER LEVEL IN METRES FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	---	532.393	532.293	532.193	---	---	532.063	---	1
2	---	---	---	---	---	532.392	532.283	532.210	---	---	---	---	2
3	---	---	---	---	---	---	---	---	---	---	---	---	3
4	---	---	---	---	---	532.383	---	---	---	---	---	---	4
5	---	---	---	---	---	---	---	532.211	---	---	---	---	5
6	---	---	---	---	---	532.378	---	---	---	---	---	---	6
7	---	---	---	---	---	---	532.288	532.211	---	---	---	---	7
8	---	---	---	---	---	532.371	---	---	---	---	---	---	8
9	---	---	---	---	---	---	---	---	---	---	---	---	9
10	---	---	---	---	---	532.370	---	---	---	---	---	---	10
11	---	---	---	---	---	---	532.283	532.181	---	---	---	---	11
12	---	---	---	---	532.420	532.367	---	---	---	---	---	---	12
13	---	---	---	---	---	---	532.281	532.182	---	---	---	---	13
14	---	---	---	---	---	532.362	---	---	---	---	---	---	14
15	---	---	---	---	---	532.347	---	---	---	---	---	---	15
16	---	---	---	---	---	532.330	532.251	532.177	---	---	---	---	16
17	---	---	---	---	---	---	---	---	---	---	---	---	17
18	---	---	---	---	532.428	---	---	---	---	---	---	---	18
19	---	---	---	---	532.424	532.341	---	---	---	---	---	---	19
20	---	---	---	---	---	---	532.245	532.183	---	---	---	---	20
21	---	---	---	---	532.404	532.337	532.243	---	---	---	---	---	21
22	---	---	---	---	---	---	---	---	---	---	---	---	22
23	---	---	---	---	---	532.332	532.240	---	---	---	---	---	23
24	---	---	---	---	---	---	---	---	---	---	---	---	24
25	---	---	---	---	---	532.321	---	---	---	---	---	---	25
26	---	---	---	---	---	---	532.245	532.203	---	---	---	---	26
27	---	---	---	---	532.403	532.317	---	---	---	---	---	---	27
28	---	---	---	---	---	---	532.230	---	---	---	---	---	28
29	---	---	---	---	532.393	532.314	532.200	---	---	---	---	---	29
30	---		---	---	---	532.293	---	532.193	---	---	---	---	30
31	---		---		532.392		532.193	---		---		---	31
MEAN	---	---	---	---	---	---	---	---	---	---	---	---	MEAN
MAX	---	---	---	---	---	---	---	---	---	---	---	---	MAX
MIN	---	---	---	---	---	---	---	---	---	---	---	---	MIN

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - MANUAL
LOCATION - LAT 52 28 57 N
LONG 103 34 28 W
DATA CONTRIBUTED BY -
SASKATCHEWAN WATER CORPORATION

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

MCDONALD CREEK NEAR MCCORD - STATION NO. 05JA003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0 B	0.001	0.001	0	0	0	0	0	---	---	1
2	---	---	0 B	0.001	0	0	0	0	0	0	---	---	2
3	---	---	0 B	0.001	0	0	0	0	0	0	---	---	3
4	---	---	0 B	0.001	0	0	0	0	0	0	---	---	4
5	---	---	0 B	0.001	0	0	0	0	0	0	---	---	5
6	---	---	0 B	0.001	0	0	0	0	0	0	---	---	6
7	---	---	0 B	0.001	0	0	0	0	0	0	---	---	7
8	---	---	0 B	0.001	0	0	0	0	0	0	---	---	8
9	---	---	0 B	0.001	0	0	0	0	0	0	---	---	9
10	---	---	0 B	0.001	0	0	0	0	0	0	---	---	10
11	---	---	0 B	0.001	0	0	0	0	0	0	---	---	11
12	---	---	0 B	0.001	0	0	0	0	0	0	---	---	12
13	---	---	0 B	0.001	0	0	0	0	0	0	---	---	13
14	---	---	0 B	0.001	0	0	0	0	0	0	---	---	14
15	---	---	0 B	0.001	0	0	0	0	0	0	---	---	15
16	---	---	0 B	0.001	0	0	0	0	0	0	---	---	16
17	---	---	0 B	0.001	0	0	0	0	0	0	---	---	17
18	---	---	0 B	0.001	0	0	0	0	0	0	---	---	18
19	---	---	0 B	0.001	0	0	0	0	0	0	---	---	19
20	---	---	0.001B	0.001	0	0	0	0	0	0	---	---	20
21	---	---	0.002B	0.001	0	0	0	0	0	0	---	---	21
22	---	---	0.001B	0.001	0	0	0	0	0	0	---	---	22
23	---	---	0.001B	0.001	0	0	0	0	0	0	---	---	23
24	---	---	0.001B	0.001	0	0	0	0	0	0	---	---	24
25	---	---	0.001B	0	0	0	0	0	0	0	---	---	25
26	---	---	0.001B	0	0	0	0	0	0	0	---	---	26
27	---	---	0.001B	0	0	0	0	0	0	0	---	---	27
28	---	---	0.001B	0	0	0	0	0	0	0	---	---	28
29	---	---	0.001B	0	0	0	0	0	0	0	---	---	29
30	---		0.001	0	0	0	0	0	0	0	---	---	30
31	---		0.001		0		0	0		0		---	31
TOTAL	---	---	0.013	0.024	0.001	0	0	0	0	0	---	---	TOTAL
MEAN	---	---	0	0.001	0	0	0	0	0	0	---	---	MEAN
MAX	---	---	0.002	0.001	0.001	0	0	0	0	0	---	---	MAX
MIN	---	---	0	0	0	0	0	0	0	0	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0
MAXIMUM DAILY, 0.002B ON MAR 21
MINIMUM DAILY, 0B ON MAR 1
MAXIMUM INSTANTANEOUS,
0.002B AT 11:32 CST ON MAR 21

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 28 14 N
LONG 106 50 05 W
DRAINAGE AREA, 259 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	0
FEB	---	AUG	0
MAR	1.12	SEP	0
APR	2.07	OCT	0
MAY	0.08	NOV	---
JUN	0	DEC	---

TOTAL DISCHARGE, 3.28 dam³

MCDONALD TRIBUTARY NEAR TOTNES - STATION NO. 05HF015

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1986

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0	0.004	0	0	0	0	0	0	---	---	1
2	---	---	0	0.004	0	0	0	0	0	0	---	---	2
3	---	---	0	0.004	0	0	0	0	0	0	---	---	3
4	---	---	0	0.004	0	0	0	0	0	0	---	---	4
5	---	---	0	0.004	0	0	0	0	0	0	---	---	5
6	---	---	0	0.003	0	0	0	0	0	0	---	---	6
7	---	---	0	0.003	0	0	0	0	0	0	---	---	7
8	---	---	0	0.003	0	0	0	0	0	0	---	---	8
9	---	---	0	0.002	0	0	0	0	0	0	---	---	9
10	---	---	0	0.001	0	0	0	0	0	0	---	---	10
11	---	---	0	0.001	0	0	0	0	0	0	---	---	11
12	---	---	0	0.001	0	0	0	0	0	0	---	---	12
13	---	---	0	0	0	0	0	0	0	0	---	---	13
14	---	---	0	0	0	0	0	0	0	0	---	---	14
15	---	---	0	0	0	0	0	0	0	0	---	---	15
16	---	---	0	0	0	0	0	0.346	0	0	---	---	16
17	---	---	0	0	0	0	0	0.255	0	0	---	---	17
18	---	---	0	0	0	0	0	0.025	0	0	---	---	18
19	---	---	0.001	0	0	0	0	0.005	0	0	---	---	19
20	---	---	0.003	0	0	0	0	0.002	0	0	---	---	20
21	---	---	0.006	0	0	0	0	0.001	0	0	---	---	21
22	---	---	0.006	0	0	0	0	0	0	0	---	---	22
23	---	---	0.005	0	0	0	0	0	0	0	---	---	23
24	---	---	0.004	0	0	0	0	0	0	0	---	---	24
25	---	---	0.003	0	0	0	0	0	0	0	---	---	25
26	---	---	0.003	0	0	0	0	0	0	0	---	---	26
27	---	---	0.002B	0	0	0	0	0	0	0	---	---	27
28	---	---	0.001B	0	0	0	0	0	0	0	---	---	28
29	---	---	0	0	0	0	0	0	0	0	---	---	29
30	---		0	0	0	0	0	0	0	0	---	---	30
31	---		0		0		0	0		0		---	31
TOTAL	---	---	0.034	0.034	0	0	0	0.635	0	0	---	---	TOTAL
MEAN	---	---	0.001	0.001	0	0	0	0.020	0	0	---	---	MEAN
MAX	---	---	0.006	0.004	0	0	0	0.346	0	0	---	---	MAX
MIN	---	---	0	0	0	0	0	0	0	0	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.003
MAXIMUM DAILY, 0.346 ON AUG 16
MINIMUM DAILY, 0 ON MAR 1
MAXIMUM INSTANTANEOUS,
1.83 AT 16:31 CST ON AUG 16

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 51 20 04 N
LONG 108 26 56 W
DRAINAGE AREA, 46.1 km²

B - ICE CONDITIONS

REGULATED SINCE 1967

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	0
FEB	---	AUG	54.9
MAR	2.94	SEP	0
APR	2.94	OCT	0
MAY	0	NOV	---
JUN	0	DEC	---

TOTAL DISCHARGE, 60.8 dam³

MCKINNON DITCH NEAR CONSUL - STATION NO. 11AB044

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1986

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0	0	0	0	0	0	0	0	---	---	1
2	---	---	0	0	0	0	0	0	0	0	---	---	2
3	---	---	0	0	0	0	0	0	0	0	---	---	3
4	---	---	0	0	0	0	0	0	0	0	---	---	4
5	---	---	0	0	0	0	0	0	0	0	---	---	5
6	---	---	0	0	0	0	0	0	0	0	---	---	6
7	---	---	0	0	0	0	0	0	0	0	---	---	7
8	---	---	0	0	0	0	0	0	0	0	---	---	8
9	---	---	0	0	0	0	0	0	0	0	---	---	9
10	---	---	0	0	0	0	0	0	0	0	---	---	10
11	---	---	0	0	1.08 A	0	0	0	0	0	---	---	11
12	---	---	0	0	1.55	0	0	0	0	0	---	---	12
13	---	---	0	0	1.65	0	0	0	0	0	---	---	13
14	---	---	0	0	1.49	0	0	0	0	0	---	---	14
15	---	---	0	0	1.41	0	0	0	0	0	---	---	15
16	---	---	0	0	1.30	0	0	0	0	0	---	---	16
17	---	---	0	0	1.24	0	0	0	0	0	---	---	17
18	---	---	0	0	1.08	0	0	0	0	0	---	---	18
19	---	---	0	0	0.997	0	0	0	0	0	---	---	19
20	---	---	0	0	1.06	0	0	0	0	0	---	---	20
21	---	---	0	0	1.17	0	0	0	0	0	---	---	21
22	---	---	0	0	1.28	0	0	0	0	0	---	---	22
23	---	---	0	0	1.21	0	0	0	0	0	---	---	23
24	---	---	0	0	1.06	0	0	0	0	0	---	---	24
25	---	---	0	0	0.865	0	0	0	0	0	---	---	25
26	---	---	0	0	0.005	0	0	0	0	0	---	---	26
27	---	0	0	0	0	0	0	0	0	0	---	---	27
28	---	0	0	0	0	0	0	0	0	0	---	---	28
29	---	0	0	0	0	0	0	0	0	0	---	---	29
30	---		0	0	0	0	0	0	0	0	---	---	30
31	---		0		0		0	0		0		---	31
TOTAL	---	---	0	0	18.477	0	0	0	0	0	---	---	TOTAL
MEAN	---	---	0	0	0.596	0	0	0	0	0	---	---	MEAN
MAX	---	---	0	0	1.65	0	0	0	0	0	---	---	MAX
MIN	---	---	0	0	0	0	0	0	0	0	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.075
MAXIMUM DAILY, 1.65 ON MAY 13
MINIMUM DAILY, 0 ON MAR 1

SUMMARY FOR THE MONTHS MAR TO OCT

INTERNATIONAL GAUGING STATION
TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 20 00 N
LONG 109 29 40 W

A - MANUAL GAUGE

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	0
FEB	---	AUG	0
MAR	0	SEP	0
APR	0	OCT	0
MAY	1 600	NOV	---
JUN	0	DEC	---

TOTAL DISCHARGE, 1 600 dam³

MEADOW RIVER BELOW MEADOW LAKE - STATION NO. 05AD010

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.030B	0B	0B	0 B	4.47	3.04	1.78	2.55	29.1	7.89	3.52	1.78 B	1
2	0.025B	0B	0B	0 B	4.42	2.88	1.78	2.50	28.9	7.70	3.46	1.71 B	2
3	0.020B	0B	0B	0.002B	4.37	3.03	1.73	2.39	28.1	7.64	3.36	1.66 B	3
4	0.017B	0B	0B	0.005B	4.28	3.03	1.74	2.31	26.9	7.41	3.34	1.61 B	4
5	0.015B	0B	0B	0.018B	4.60	2.89	1.80	2.18	25.7	7.11	3.36	1.56 B	5
6	0.012B	0B	0B	0.017B	4.21	2.89	2.33	2.36	24.1	6.86	3.31B	1.50 B	6
7	0.010B	0B	0B	0.109B	3.99	3.08	1.63	2.62	21.2	6.72	3.27B	1.46 B	7
8	0.007B	0B	0B	0.479B	4.00	3.25	1.74	2.69	19.5	6.44	3.21B	1.37 B	8
9	0.004B	0B	0B	0.666B	3.82	3.22	2.09	2.50	18.8	6.09	3.11B	1.28 B	9
10	0.002B	0B	0B	0.902B	3.74	3.11	2.32	2.39	16.9	6.18	3.05B	1.32 B	10
11	0.001B	0B	0B	1.02 B	3.75	2.74	2.55	2.85	18.0	6.11	2.95B	1.25 B	11
12	0 B	0B	0B	1.47 B	3.57	2.35	2.63	2.74	16.7	5.94	2.93B	1.20 B	12
13	0 B	0B	0B	1.61 B	3.58	2.89	2.86	2.77	16.2	5.74	2.85B	1.13 B	13
14	0 B	0B	0B	2.14 B	3.16	2.66	3.04	2.87	15.6	5.64	2.78B	1.10 B	14
15	0 B	0B	0B	2.62 B	3.80	2.71	3.14	2.95	14.6	5.17	2.78B	1.03 B	15
16	0 B	0B	0B	2.97 B	3.90	2.56	3.13	2.57	13.9	5.25	2.67B	1.00 B	16
17	0 B	0B	0B	3.43 B	3.63	2.47	3.15	2.73	13.5	5.01	2.60B	0.958B	17
18	0 B	0B	0B	3.77 B	3.64	2.24	3.27	2.64	13.1	4.88	2.53B	0.923B	18
19	0 B	0B	0B	4.03 B	3.53	2.07	3.48	3.30	12.7	4.83	2.47B	0.875B	19
20	0 B	0B	0B	4.28 B	3.47	2.11	3.55	3.72	12.1	4.51	2.41B	0.820B	20
21	0 B	0B	0B	4.47 B	3.39	1.98	3.60	4.62	11.4	4.77	2.34B	0.783B	21
22	0 B	0B	0B	4.66 B	3.44	2.09	3.39	5.89	10.7	3.43	2.25B	0.725B	22
23	0 B	0B	0B	4.89 B	3.88	1.81	3.04	8.51	10.6	4.37	2.22B	0.705B	23
24	0 B	0B	0B	5.14	2.98	1.73	3.35	11.5	10.1	4.24	2.15B	0.677B	24
25	0 B	0B	0B	5.15	2.89	1.84	3.27	14.0	9.94	4.25	2.05B	0.650B	25
26	0 B	0B	0B	5.06	2.72	1.85	3.22	16.3	9.52	4.27	2.00B	0.644B	26
27	0 B	0B	0B	4.97	2.92	1.84	3.06	20.4	9.48	3.92B	1.96B	0.622B	27
28	0 B	0B	0B	4.79	2.63	1.80	2.92	24.7	8.86	3.80	1.99B	0.595B	28
29	0 B	0B	0B	4.66	2.89	2.03	2.92	28.1	8.61	3.72	1.89B	0.586B	29
30	0 B		0B	4.42	2.66	1.88	2.76	30.6	7.90	3.67	1.85B	0.561B	30
31	0 B		0B		2.65		2.51	29.2		3.86		0.502B	31
TOTAL	0.143	0	0	77.988	110.90	73.90	83.76	246.74	485.89	167.20	80.89	32.626	TOTAL
MEAN	0.005	0	0	2.60	3.58	2.46	2.70	7.96	16.2	5.39	2.69	1.05	MEAN
MAX	0.030	0	0	5.15	4.60	3.25	3.60	30.6	29.1	7.89	3.52	1.78	MAX
MIN	0	0	0	0	2.63	1.64	1.63	2.18	7.90	3.43	1.85	0.502	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 3.71
MAXIMUM DAILY, 30.6 ON AUG 30
MINIMUM DAILY, 0B ON JAN 12
MAXIMUM INSTANTANEOUS,
34.0 AT 07:37 CST ON AUG 30

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 54 08 10 N
LONG 108 23 40 W
DRAINAGE AREA, 3 340 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	12.4	JUL	7 240
FEB	0	AUG	21 300
MAR	0	SEP	42 000
APR	6 740	OCT	14 400
MAY	9 580	NOV	6 970
JUN	6 380	DEC	2 820

TOTAL DISCHARGE, 117 000 dam³

MIDDLE CREEK ABOVE LODGE CREEK - STATION NO. 11AB008

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0	0.008	0.002	0	0.004	0	0	0	---	---	1
2	---	---	0	0.005	0.001	0	0.002	0	0	0	---	---	2
3	---	---	0	0.007	0.001	0	0.002	0	0	0	---	---	3
4	---	---	0	0.008	0	0	0.002	0	0	0	---	---	4
5	---	---	0	0.007	0	0	0.002	0	0	0	---	---	5
6	---	---	0	0.008	0	0	0.002	0	0	0	---	---	6
7	---	---	0	0.005	0	0	0.001	0	0	0	---	---	7
8	---	---	0	0.004	0	0	0.001	0	0	0	---	---	8
9	---	---	0	0.004	0.001	0	0	0	0	0	---	---	9
10	---	---	0	0.004	0	0	0	0	0	0	---	---	10
11	---	---	0	0.003	0	0	0	0	0	0	---	---	11
12	---	---	0	0.002	0	0	0	0	0	0	---	---	12
13	---	---	0	0.002	0	0	0	0	0	0	---	---	13
14	---	---	0	0.002	0	0	0	0	0	0	---	---	14
15	---	---	0	0.002	0	0	0	0	0	0	---	---	15
16	---	---	0	0.002	0	0.287	0	0	0	0	---	---	16
17	---	---	0	0.001	0	0.545	0	0	0	0	---	---	17
18	---	---	0	0.001	0	0.541	0	0	0	0	---	---	18
19	---	---	0	0.001	0	0.488	0	0	0	0	---	---	19
20	---	---	0	0.001	0	0.478	0	0	0	0	---	---	20
21	---	---	0.015B	0.001	0	0.485	0	0	0	0	---	---	21
22	---	---	0.032B	0.001	0	0.345	0	0	0	0	---	---	22
23	---	---	0.023	0	0	0.284	0	0	0	0	---	---	23
24	---	---	0.022	0	0	0.270	0	0	0	0	---	---	24
25	---	---	0.011	0.004	0	0.244	0	0	0	0	---	---	25
26	---	0	0.014	0.003	0	0.081	0	0	0	0	---	---	26
27	---	0	0.014	0.002	0	0.019	0	0	0	0	---	---	27
28	---	0	0.014	0.002	0	0.011	0	0	0	0	---	---	28
29	---	0	0.008	0.002	0	0.008	0	0	0	0	---	---	29
30	---		0.005	0.002	0	0.008	0	0	0	0	---	---	30
31	---		0.003		0		0	0		0		---	31
TOTAL	---	---	0.181	0.088	0.005	4.053	0.018	0	0	0	---	---	TOTAL
MEAN	---	---	0.005	0.003	0	0.135	0.001	0	0	0	---	---	MEAN
MAX	---	---	0.032	0.007	0.002	0.545	0.004	0	0	0	---	---	MAX
MIN	---	---	0	0	0	0	0	0	0	0	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.018
MAXIMUM DAILY, 0.545 ON JUN 17
MINIMUM DAILY, 0 ON MAR 1
MAXIMUM INSTANTANEOUS,
0.640 AT 17:23 CST ON JUN 16

SUMMARY FOR THE MONTHS MAR TO OCT

INTERNATIONAL GAUGING STATION
TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 06 01 N
LONG 109 49 02 W
DRAINAGE AREA, 716 km²

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	1.38
FEB	---	AUG	0
MAR	13.9	SEP	0
APR	7.60	OCT	0
MAY	0.43	NOV	---
JUN	350	DEC	---

TOTAL DISCHARGE, 373 dam³

MIDDLE CREEK BELOW MIDDLE CREEK RESERVOIR - STATION NO. 11AB001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0	0	0	0.718	0	0.188	0	0	---	---	1
2	---	---	0	0	0	0.664	0	0.139	0	0	---	---	2
3	---	---	0	0	0	0.634	0	0.087	0	0	---	---	3
4	---	---	0	0	0	0.625	0	0.082	0	0	---	---	4
5	---	---	0	0	0	0.612	0	0.037	0	0	---	---	5
6	---	---	0	0	0	0.612	0	0.019	0	0	---	---	6
7	---	---	0	0	0	0.646	0	0.013	0	0	---	---	7
8	---	---	0	0	0	0.679	0	0.016	0	0	---	---	8
9	---	---	0	0	0	0.657	0	0.015	0	0	---	---	9
10	---	---	0	0	0	0.637	0	0.024	0	0	---	---	10
11	---	---	0	0	0.057	0.634	0	0.034	0	0	---	---	11
12	---	---	0	0	0.103	0.631	0	0.030	0	0	---	---	12
13	---	---	0	0	0.117	0.647	0	0.030	0	0	---	---	13
14	---	---	0	0	0.218	0.644	0	0.026	0	0	---	---	14
15	---	---	0	0	0.088	0.632	0	0.032	0	0	---	---	15
16	---	---	0	0	0	0.627	0	0.061	0	0	---	---	16
17	---	---	0	0	0	0.628	0	0.059	0	0	---	---	17
18	---	---	0	0	0	0.634	0	0.049	0	0	---	---	18
19	---	---	0	0	0.203	0.625	0	0.036	0	0	---	---	19
20	---	---	0	0	1.35	0.622	0	0.020	0	0	---	---	20
21	---	---	0	0	0.434	0.585	0	0.006	0	0	---	---	21
22	---	0	0	0	0.011	0.132	0	0.002	0	0	---	---	22
23	---	0	0	0	0.001	0.010	0	0.001	0	0	---	---	23
24	---	0	0	0	0.071	0.001	0	0.002	0	0	---	---	24
25	---	0	0	0	0.237	0	0	0.008	0	0	---	---	25
26	---	0	0	0	0.518	0	0	0.002	0	0	---	---	26
27	---	0	0	0	0.757	0	0	0	0	0	---	---	27
28	---	0	0	0	0.800	0	0	0	0	0	---	---	28
29	---	0	0	0	0.781	0	0	0	0	0	---	---	29
30	---		0	0	0.814	0	0	0	0	0	---	---	30
31	---		0		0.809		0.115	0		0		---	31
TOTAL	---	---	0	0	7.355	13.514	0.115	1.027	0	0	---	---	TOTAL
MEAN	---	---	0	0	0.237	0.450	0.004	0.033	0	0	---	---	MEAN
MAX	---	---	0	0	1.35	0.718	0.115	0.188	0	0	---	---	MAX
MIN	---	---	0	0	0	0	0	0	0	0	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.080
MAXIMUM DAILY, 1.35 ON MAY 20
MINIMUM DAILY, 0 ON MAR 1
MAXIMUM INSTANTANEOUS,
1.48 AT 23:27 CST ON MAY 19

SUMMARY FOR THE MONTHS MAR TO OCT

INTERNATIONAL GAUGING STATION
TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 24 44 N
LONG 109 55 06 W
DRAINAGE AREA, 365 km²

REGULATED SINCE 1937

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	9.94
FEB	---	AUG	88.7
MAR	0	SEP	0
APR	0	OCT	0
MAY	635	NOV	---
JUN	1 170	DEC	---

TOTAL DISCHARGE, 1 900 dam³

MIDDLE CREEK NEAR GOVENLOCK - STATION NO. 11AB108

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.037B	0.155B	0.039	0.596	0.045	0	0	0	0.022	---	1
2	---	---	0.044B	0.039	0.039	0.593	0.035	0	0	0	0.024A	---	2
3	---	---	0.026B	0.023	0.040	0.551	0.028	0	0	0	---	---	3
4	---	---	0.025B	0.027	0.036	0.489	0.037	0	0	0	---	---	4
5	---	---	0.019B	0.026	0.034	0.492	0.294	0	0	0	---	---	5
6	---	---	0.019B	0.019	0.037	0.453	0.219	0	0	0	---	---	6
7	---	---	0.028B	0.014	0.038	0.449	0.082	0	0	0	---	---	7
8	---	---	0.049B	0.014	0.037	0.531	0.050	0	0	0	---	---	8
9	---	---	0.080B	0.013	0.034	0.487	0.039	0	0	0	---	---	9
10	---	---	0.085B	0.019	0.030	0.478	0.031	0	0	0	---	---	10
11	---	---	0.040B	0.015	0.029	0.447	0.026	0	0	0	---	---	11
12	---	---	0.023B	0.126	0.022	0.428	0.021	0	0	0	---	---	12
13	---	---	0.026B	0.242	0.018	0.484	0.018	0	0	0	---	---	13
14	---	---	0.008B	0.059	0.014	0.488	0.014	0	0	0	---	---	14
15	---	---	0.006B	0.028	0.009	0.512	0.010	0	0	0	---	---	15
16	---	---	0.009B	0.026	0.008	0.488	0.007	0	0	0	---	---	16
17	---	---	0.013B	0.053	0.008	0.484	0.006	0	0	0	---	---	17
18	---	---	0.019B	0.058	0.007	0.492	0.003	0	0	0	---	---	18
19	---	---	0.017B	0.052	0.008	0.484	0.002	0	0	0	---	---	19
20	---	---	0.024B	0.047	0.022	0.488	0.001	0	0	0	---	---	20
21	---	---	0.032B	0.045	0.055	0.452	0.001	0	0	0	---	---	21
22	---	0B	0.022B	0.043	0.156	0.457	0	0	0	0	---	---	22
23	---	0B	0.017B	0.042	0.531	0.383	0	0	0	0	---	---	23
24	---	0B	0.014B	0.040	0.233	0.380	0	0	0	0	---	---	24
25	---	0B	0.021B	0.042	0.084	0.272	0	0	0	0	---	---	25
26	---	0B	0.087B	0.048	0.031	0.178	0	0	0	0	---	---	26
27	---	0B	0.051B	0.047	0.021	0.125	0	0	0	0	---	---	27
28	---	0B	0.052B	0.045	0.016	0.095	0	0	0	0.004	---	---	28
29	---	0B	0.012B	0.042	0.012	0.070	0	0	0	0.009	---	---	29
30	---		0.015B	0.040	0.424	0.055	0	0	0	0.014	---	---	30
31	---		0.019B		0.748		0	0		0.019		---	31
TOTAL	---	---	0.902	1.484	2.798	12.232	0.966	0	0	0.046	---	---	TOTAL
MEAN	---	---	0.029	0.049	0.090	0.408	0.031	0	0	0.001	---	---	MEAN
MAX	---	---	0.085	0.242	0.748	0.596	0.294	0	0	0.019	---	---	MAX
MIN	---	---	0.006	0.013	0.006	0.055	0	0	0	0	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.075
MAXIMUM DAILY, 0.748 ON MAY 31
MINIMUM DAILY, 0 ON JUL 22
MAXIMUM INSTANTANEOUS,
0.882 AT 08:26 CST ON MAY 31

SUMMARY FOR THE MONTHS MAR TO OCT

INTERNATIONAL GAUGING STATION
TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 13 42 N
LONG 109 48 57 W
DRAINAGE AREA, 655 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	83.8
FEB	---	AUG	0
MAR	77.9	SEP	0
APR	128	OCT	3.97
MAY	242	NOV	---
JUN	1 060	DEC	---

TOTAL DISCHARGE, 1 500 dam³

MIDDLE CREEK RESERVOIR - STATION NO. 11AB080

DAILY WATER LEVEL IN METRES FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	1029.488	1029.483	1029.422	1028.773	1028.288	1027.983	1027.783	1027.891	1027.638	---	1
2	---	---	1029.466	1029.485	1029.396	1028.753	1028.287	1027.985	1027.778	1027.886	1027.638A	---	2
3	---	---	1029.466	1029.488	1029.383	1028.727	1028.277	1027.973	1027.773	1027.880	---	---	3
4	---	---	1029.472	1029.488	1029.329	1028.694	1028.276	1027.968	1027.769	1027.878	---	---	4
5	---	---	1029.473	1029.502	1029.285	1028.682	1028.287	1027.958	1027.765	1027.878	---	---	5
6	---	---	1029.471	1029.521	1029.269	1028.662	1028.304	1027.950	1027.773	1027.877	---	---	6
7	---	---	1029.470	1029.526	1029.227	1028.633	1028.281	1027.929	1027.749	1027.877	---	---	7
8	---	---	1029.468	1029.526	1029.213	1028.626	1028.274	1027.924	1027.752	1027.886	---	---	8
9	---	---	1029.470	1029.541	1029.186	1028.606	1028.267	1027.920	1027.738	1027.871	---	---	9
10	---	---	1029.470	1029.548	1029.170	1028.584	1028.257	1027.898	1027.700	1027.868	---	---	10
11	---	---	1029.472	1029.549	1029.152	1028.583	1028.251	1027.874	1027.720	1027.867	---	---	11
12	---	---	1029.472	1029.543	1029.128	1028.529	1028.264	1027.876	1027.741	1027.868	---	---	12
13	---	---	1029.473	1029.542	1029.108	1028.521	1028.243	1027.871	1027.735	1027.866	---	---	13
14	---	---	1029.475	1029.539	1029.083	1028.507	1028.239	1027.884	1027.735	1027.862	---	---	14
15	---	---	1029.474	1029.542	1029.066	1028.484	1028.228	1027.844	1027.732	1027.863	---	---	15
16	---	---	1029.476	1029.539	1029.037	1028.467	1028.222	1027.864	1027.727	1027.868	---	---	16
17	---	---	1029.475	1029.536	1029.026	1028.452	1028.210	1027.863	1027.716	1027.862	---	---	17
18	---	---	1029.478	1029.535	1029.009	1028.436	1028.206	1027.858	1027.711	1027.858	---	---	18
19	---	---	1029.481	1029.532	1028.999	1028.402	1028.199	1027.859	1027.718	1027.859	---	---	19
20	---	---	1029.480	1029.526	1028.992	1028.384	1028.197	1027.864	1027.717	1027.863	---	---	20
21	---	---	1029.480	1029.520	1028.986	1028.384	1028.193	1027.860	1027.713	1027.857	---	---	21
22	---	1029.471A	1029.479	1029.519	1028.971	1028.361	1028.182	1027.848	1027.716	1027.848	---	---	22
23	---	1029.471	1029.476	1029.516	1028.961	1028.348	1028.186	1027.841	1027.711	1027.853	---	---	23
24	---	1029.469	1029.476	1029.507	1028.946	1028.340	1028.187	1027.832	1027.706	1027.842	---	---	24
25	---	1029.471	1029.477	1029.503	1028.938	1028.319	1028.156	1027.827	1027.704	1027.846	---	---	25
26	---	1029.471	1029.478	1029.502	1028.920	1028.315	1028.122	1027.808	1027.701	1027.824	---	---	26
27	---	1029.471	1029.480	1029.502	1028.904	1028.312	1028.101	1027.816	1027.698	1027.838	---	---	27
28	---	1029.471	1029.486	1029.500	1028.885	1028.301	1028.088	1027.811	1027.703	1027.839	---	---	28
29	---	1029.471	1029.485	1029.486	1028.837	1028.303	1028.076	1027.808	1027.706	1027.838	---	---	29
30	---		1029.485	1029.483	1028.816	1028.312	1028.051	1027.790	1027.682	1027.839	---	---	30
31	---		1029.482		1028.787		1028.018	1027.785		1027.838		---	31
MEAN	---	---	1029.475	1029.518	1029.077	1028.481	1028.205	1027.875	1027.729	1027.860	---	---	MEAN
MAX	---	---	1029.490	1029.549	1029.422	1028.773	1028.304	1027.985	1027.783	1027.891	---	---	MAX
MIN	---	---	1029.466	1029.483	1028.787	1028.301	1028.018	1027.785	1027.682	1027.624	---	---	MIN

WATER LEVELS IN METRES

MAXIMUM DAILY, 1029.549 ON APR 11
MINIMUM DAILY, 1027.624 ON OCT 26
MAXIMUM INSTANTANEOUS,
1029.580 AT 12:47 CST ON APR 11

SUMMARY FOR THE YEAR 1988

INTERNATIONAL GAUGING STATION
TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 24 22 N
LONG 109 59 02 W

A - MANUAL GAUGE

REGULATED

DRAINAGE AREA,
370 km²

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM
APPLY .084 m ADJUSTMENT TO CONVERT TO RECLAMATION SERVICE OF CANADA DATUM

REMARKS - THE MAXIMUM INSTANTANEOUS WATER LEVEL OCCURRED AS A RESULT OF WIND EFFECT

MIDDLE CREEK RESERVOIR BEDFORD OUTLET - STATION NO. 11AB114

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0	0	0	0	0	0	0	0	---	---	1
2	---	---	0	0	0	0	0	0	0	0	---	---	2
3	---	---	0	0	0	0	0	0	0	0	---	---	3
4	---	---	0	0	0	0	0	0	0	0	---	---	4
5	---	---	0	0	0	0	0	0	0	0	---	---	5
6	---	---	0	0	0	0	0	0	0	0	---	---	6
7	---	---	0	0	0	0	0	0	0	0	---	---	7
8	---	---	0	0	0	0	0	0	0	0	---	---	8
9	---	---	0	0	0	0	0	0	0	0	---	---	9
10	---	---	0	0	0	0	0	0	0	0	---	---	10
11	---	---	0	0	0	0	0	0	0	0	---	---	11
12	---	---	0	0	0	0	0	0	0	0	---	---	12
13	---	---	0	0	0	0	0	0	0	0	---	---	13
14	---	---	0	0	0	0	0	0	0	0	---	---	14
15	---	---	0	0	0	0	0	0	0	0	---	---	15
16	---	---	0	0	0	0	0	0	0	0	---	---	16
17	---	---	0	0	0	0	0	0	0	0	---	---	17
18	---	---	0	0	0	0	0	0	0	0	---	---	18
19	---	---	0	0	0	0	0	0	0	0	---	---	19
20	---	---	0	0	0	0	0	0	0	0	---	---	20
21	---	---	0	0	0	0	0	0	0	0	---	---	21
22	---	---	0	0	0	0	0	0	0	0	---	---	22
23	---	---	0	0	0	0	0	0	0	0	---	---	23
24	---	---	0	0	0	0	0	0	0	0	---	---	24
25	---	0	0	0	0	0	0	0	0	0	---	---	25
26	---	0	0	0	0	0	0	0	0	0	---	---	26
27	---	0	0	0	0	0	0	0	0	0	---	---	27
28	---	0	0	0	0	0	0	0	0	0	---	---	28
29	---	0	0	0	0	0	0	0	0	0	---	---	29
30	---		0	0	0	0	0	0	0	0	---	---	30
31	---		0		0		0	0		0		---	31
TOTAL	---	---	0	0	0	0	0	0	0	0	---	---	TOTAL
MEAN	---	---	0	0	0	0	0	0	0	0	---	---	MEAN
MAX	---	---	0	0	0	0	0	0	0	0	---	---	MAX
MIN	---	---	0	0	0	0	0	0	0	0	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0
MAXIMUM DAILY, 0 ON MAR 1
MINIMUM DAILY, 0 ON MAR 1
MAXIMUM INSTANTANEOUS,
0 AT 00:00 CST ON MAR 1

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE -
LOCATION - LAT 49 23 04 N
LONG 109 58 26 W

REGULATED

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	0
FEB	---	AUG	0
MAR	0	SEP	0
APR	0	OCT	0
MAY	0	NOV	---
JUN	0	DEC	---

TOTAL DISCHARGE, 0 dam³

MIDDLE CREEK RESERVOIR FLOOD SPILLWAY - STATION NO. 11AB115

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0	0	0	0	0	0	0	0	---	---	1
2	---	---	0	0	0	0	0	0	0	0	---	---	2
3	---	---	0	0	0	0	0	0	0	0	---	---	3
4	---	---	0	0	0	0	0	0	0	0	---	---	4
5	---	---	0	0	0	0	0	0	0	0	---	---	5
6	---	---	0	0	0	0	0	0	0	0	---	---	6
7	---	---	0	0	0	0	0	0	0	0	---	---	7
8	---	---	0	0	0	0	0	0	0	0	---	---	8
9	---	---	0	0	0	0	0	0	0	0	---	---	9
10	---	---	0	0	0	0	0	0	0	0	---	---	10
11	---	---	0	0	0	0	0	0	0	0	---	---	11
12	---	---	0	0	0	0	0	0	0	0	---	---	12
13	---	---	0	0	0	0	0	0	0	0	---	---	13
14	---	---	0	0	0	0	0	0	0	0	---	---	14
15	---	---	0	0	0	0	0	0	0	0	---	---	15
16	---	---	0	0	0	0	0	0	0	0	---	---	16
17	---	---	0	0	0	0	0	0	0	0	---	---	17
18	---	---	0	0	0	0	0	0	0	0	---	---	18
19	---	---	0	0	0	0	0	0	0	0	---	---	19
20	---	---	0	0	0	0	0	0	0	0	---	---	20
21	---	---	0	0	0	0	0	0	0	0	---	---	21
22	---	---	0	0	0	0	0	0	0	0	---	---	22
23	---	---	0	0	0	0	0	0	0	0	---	---	23
24	---	---	0	0	0	0	0	0	0	0	---	---	24
25	---	0	0	0	0	0	0	0	0	0	---	---	25
26	---	0	0	0	0	0	0	0	0	0	---	---	26
27	---	0	0	0	0	0	0	0	0	0	---	---	27
28	---	0	0	0	0	0	0	0	0	0	---	---	28
29	---	0	0	0	0	0	0	0	0	0	---	---	29
30	---		0	0	0	0	0	0	0	0	---	---	30
31	---		0		0		0	0		0		---	31
TOTAL	---	---	0	0	0	0	0	0	0	0	---	---	TOTAL
MEAN	---	---	0	0	0	0	0	0	0	0	---	---	MEAN
MAX	---	---	0	0	0	0	0	0	0	0	---	---	MAX
MIN	---	---	0	0	0	0	0	0	0	0	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0
MAXIMUM DAILY, 0 ON MAR 1
MINIMUM DAILY, 0 ON MAR 1
MAXIMUM INSTANTANEOUS,
0 AT 00:00 CST ON MAR 1

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE -
LOCATION - LAT 49 23 02 N
LONG 109 59 55 W

REGULATED

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	0
FEB	---	AUG	0
MAR	0	SEP	0
APR	0	OCT	0
MAY	0	NOV	---
JUN	0	DEC	---

TOTAL DISCHARGE, 0 dam^3

MILLIGAN CREEK NEAR WADENA - STATION NO. 05MA023

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0B	0 B	0.178	0.015	0	0	0	0	---	---	1
2	---	---	0B	0.050B	0.178	0.013	0	0	0	0	---	---	2
3	---	---	0B	0.500B	0.136	0.010	0	0	0	0	---	---	3
4	---	---	0B	2.08 B	0.115	0.005	0	0	0	0	---	---	4
5	---	---	0B	1.44 B	0.111	0.002	0	0	0	0	---	---	5
6	---	---	0B	2.74 B	0.100	0.001	0	0	0	0	---	---	6
7	---	---	0B	2.78	0.108	0	0	0	0	0	---	---	7
8	---	---	0B	2.37	0.105	0	0	0	0	0	---	---	8
9	---	---	0B	1.80	0.083	0	0	0	0	0	---	---	9
10	---	---	0B	1.71	0.081	0	0	0	0	0	---	---	10
11	---	---	0B	1.48	0.072	0	0	0	0	0	---	---	11
12	---	---	0B	1.19	0.070	0	0	0	0	0	---	---	12
13	---	---	0B	0.884	0.068	0	0	0	0	0	---	---	13
14	---	---	0B	0.775	0.073	0	0	0	0	0	---	---	14
15	---	---	0B	0.702	0.128	0	0	0	0	0	---	---	15
16	---	---	0B	0.612	0.103	0	0	0	0	0	---	---	16
17	---	---	0B	0.471	0.080	0	0	0	0	0	---	---	17
18	---	---	0B	0.384	0.066	0	0	0	0	0	---	---	18
19	---	---	0B	0.385	0.061	0	0	0	0	0	---	---	19
20	---	---	0B	0.334	0.044	0	0	0	0	0	---	---	20
21	---	---	0B	0.310	0.038	0	0	0	0	0	---	---	21
22	---	---	0B	0.281	0.033	0	0	0	0	0	---	---	22
23	---	---	0B	0.271	0.028	0	0	0	0	0	---	---	23
24	---	---	0B	0.272	0.028	0	0	0	0	0	---	---	24
25	---	---	0B	0.261	0.031	0	0	0	0	0	---	---	25
26	---	---	0B	0.228	0.028	0	0	0	0	0	---	---	26
27	---	---	0B	0.189	0.025	0	0	0	0	0	---	---	27
28	---	---	0B	0.178	0.024	0	0	0	0	0	---	---	28
29	---	---	0B	0.159	0.022	0	0	0	0	0	---	---	29
30	---		0B	0.148	0.018	0	0	0	0	0	---	---	30
31	---		0B		0.018		0	0		0		---	31
TOTAL	---	---	0	24.983	2.237	0.048	0	0	0	0	---	---	TOTAL
MEAN	---	---	0	0.833	0.072	0.002	0	0	0	0	---	---	MEAN
MAX	---	---	0	2.78	0.178	0.015	0	0	0	0	---	---	MAX
MIN	---	---	0	0	0.018	0	0	0	0	0	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.111
MAXIMUM DAILY, 2.78 ON APR 7
MINIMUM DAILY, 0B ON MAR 1
MAXIMUM INSTANTANEOUS,
3.478 AT 08:51 CST ON APR 6

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 51 51 26 N
LONG 103 46 37 W
DRAINAGE AREA, 1 430 km^2

B - ICE CONDITIONS

REGULATED SINCE 1988

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	0
FEB	---	AUG	0
MAR	0	SEP	0
APR	2 160	OCT	0
MAY	193	NOV	---
JUN	3.97	DEC	---

TOTAL DISCHARGE, 2 360 dam^3

MONNERY RIVER NEAR PARADISE HILL - STATION NO. 05EF004

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.320B	0.350B	0.380	0.647	0.469	0.025	0.283	0.437	0.388B	---	1
2	---	---	0.320B	0.350B	0.372	0.887	0.528	0.028	0.250	0.451	---	---	2
3	---	---	0.320B	0.375B	0.382	0.831	0.472	0.082	0.180	0.448	---	---	3
4	---	---	0.320B	0.500B	0.385	0.487	0.343	0.181	0.078	0.408	---	---	4
5	---	---	0.320B	0.600B	0.388	0.430	0.570	0.280	0.087	0.511	---	---	5
6	---	---	0.320B	1.28 B	0.387	0.434	2.68	0.501	0.108	0.488	---	---	6
7	---	---	0.320B	1.02 B	0.443	0.399	2.39	0.568	0.401	0.438	---	---	7
8	---	---	0.320B	0.805B	0.350	0.388	2.03	0.621	0.238	0.430	---	---	8
9	---	---	0.320B	0.741B	0.301	0.428	1.28	0.732	0.287	0.388	---	---	9
10	---	---	0.320B	0.603B	0.279	0.428	0.879	0.887	0.232	0.387	---	---	10
11	---	---	0.320B	0.617B	0.403	0.588	0.850	0.528	0.148	0.502	---	---	11
12	---	---	0.320B	0.739B	0.458	0.407	0.783	0.548	0.108	0.487	---	---	12
13	---	---	0.320B	0.829	0.431	0.337	0.717	0.794	0.183	0.385	---	---	13
14	---	---	0.320B	0.901	0.340	0.288	0.835	0.732	0.105	0.437	---	---	14
15	---	---	0.320B	0.932	0.311	0.224	0.840	0.680	0.325	0.471	---	---	15
16	---	---	0.320B	0.769	0.338	0.129	0.389	0.482	0.218	0.458	---	---	16
17	---	---	0.320B	0.672	0.391	0.100	0.355	0.418	0.172	0.453	---	---	17
18	---	---	0.320B	0.808	0.288	0.088	0.331	0.484	0.150	0.435	---	---	18
19	---	---	0.320B	0.535	0.382	0.123	0.313	0.732	0.170	0.501	---	---	19
20	---	---	0.320B	0.398	0.384	0.134	0.486	0.638	0.385	0.510	---	---	20
21	---	---	0.320B	0.353	0.385	0.308	0.187	0.768	0.478	0.504	---	---	21
22	---	---	0.320B	0.283	0.448	0.223	0.258	1.08	0.433	0.459B	---	---	22
23	---	---	0.322B	0.320	0.348	0.133	0.203	0.864	0.488	0.428B	---	---	23
24	---	---	0.324B	0.348	0.448	0.184	0.205	0.813	0.433	0.405B	---	---	24
25	---	---	0.325B	0.304	0.370	0.207	0.224	1.12	0.300	0.409B	---	---	25
26	---	---	0.327B	0.336	0.282	0.217	0.203	0.729	0.410	0.408B	---	---	26
27	---	---	0.328B	0.325	0.247	0.288	0.187	0.571	0.452	0.402B	---	---	27
28	---	---	0.330B	0.286	0.238	0.188	0.120	0.513	0.488	0.348B	---	---	28
29	---	---	0.334B	0.323	0.159	0.389	0.088	0.408	0.448	0.327B	---	---	29
30	---		0.338B	0.393	0.482	0.478	0.047	0.352	0.413	0.351B	---	---	30
31	---		0.341B		0.570		0.018	0.318		0.387B		---	31
TOTAL	---	---	10.008	17.526	11.276	9.932	18.784	17.143	8.297	13.477	---	---	TOTAL
MEAN	---	---	0.323	0.584	0.364	0.331	0.606	0.553	0.277	0.435	---	---	MEAN
MAX	---	---	0.341	1.28	0.570	0.887	2.68	1.12	0.488	0.511	---	---	MAX
MIN	---	---	0.320	0.283	0.159	0.088	0.018	0.025	0.078	0.327	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.435
MAXIMUM DAILY, 2.68 ON JUL 6
MINIMUM DAILY, 0.018 ON JUL 31
MAXIMUM INSTANTANEOUS,
3.72 AT 01:04 CST ON JUL 6

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 53 32 28 N
LONG 109 31 36 W
DRAINAGE AREA, 876 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	1 620
FEB	---	AUG	1 480
MAR	865	SEP	717
APR	1 510	OCT	1 160
MAY	974	NOV	---
JUN	858	DEC	---

TOTAL DISCHARGE, 9 180 dam³

MONTREAL LAKE NEAR WEYAKWIN - STATION NO. 05CA005

DAILY WATER LEVEL IN METRES FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	490.348	490.368	490.372	490.389	490.417A	490.484	490.385	490.345	490.322	490.270	490.243	490.248E	1
2	490.352	490.368	490.368	490.392	490.419A	490.484	490.364	490.343	490.328	490.253	490.247	490.250E	2
3	490.353	490.367	490.371A	490.391	490.422A	490.476	490.354	490.359	490.318	490.273	490.247	490.252A	3
4	490.348	490.370	490.369A	490.394	490.424	490.468	490.372	490.389	490.323	490.283	490.248	490.255A	4
5	490.348	490.366	490.370	490.391	490.427	490.471	490.388	490.350	490.333	490.277	490.251	490.258E	5
6	490.350	490.368	490.368	490.388	490.431	490.441	490.442	490.305	490.333	490.289	490.253	490.263A	6
7	490.364	490.369	490.366	490.388	490.434	490.435	490.383	490.352	490.268	490.288	490.261	490.266	7
8	490.353	490.373	490.369	490.390	490.440	490.453	490.347	490.377	490.263	490.288	490.261	490.265	8
9	490.351	490.368	490.367	490.390	490.434	490.461	490.328	490.368	490.268	490.247	490.259	490.264	9
10	490.350	490.368	490.372	490.391	490.440	490.438	490.341	490.357	490.288	490.283	490.260	490.265A	10
11	490.352	490.370	490.375	490.393	490.439	490.454	490.352	490.364	490.283	490.283	490.258	490.264E	11
12	490.350	490.368	490.378	490.392	490.433	490.428	490.358	490.363	490.300	490.272	490.262	490.264E	12
13	490.348	490.366	490.380A	490.391	490.448	490.413	490.368	490.365	490.288	490.286	490.263	490.263A	13
14	490.348	490.364	490.380	490.393	490.444	490.408	490.375	490.365	490.301	490.282	490.264	490.263	14
15	490.351	490.364	490.382	490.395	490.454	490.417	490.375	490.346	490.300	490.260	490.265	490.268	15
16	490.357	490.369	490.383	490.393	490.456	490.414	490.388	490.340	490.252	490.258	490.265	490.271	16
17	490.355	490.368	490.381	490.392	490.461	490.409	490.382	490.349	490.248	490.258	490.266	490.272	17
18	490.352	490.370	490.382	490.394	490.453	490.408	490.375	490.349	490.285	490.251	490.265	490.265	18
19	490.353	490.378	490.381	490.394	490.460	490.381	490.369	490.348	490.284	490.267	490.269	490.268	19
20	490.353	490.367	490.383	490.394	490.461	490.390	490.392	490.346	490.268	490.230	490.268	490.261	20
21	490.358	490.377	490.388	490.395	490.446	490.382	490.386	490.357	490.290	490.277	490.270	490.264	21
22	490.355	490.382	490.385	490.395	490.456	490.368	490.369	490.337	490.278	490.188	490.271	490.263	22
23	490.358	490.377	490.388	490.400	490.466	490.398	490.374	490.350	490.274	490.232	490.264	490.264	23
24	490.352	490.373	490.382	490.398	490.446	490.394	490.373	490.334A	490.263	490.230	490.257	490.263	24
25	490.358	490.371	490.381	490.399	490.454	490.380	490.380	490.341	490.262	490.225	490.258	490.265	25
26	490.358	490.373	490.384	490.402	490.455	490.397	490.378	490.304A	490.288	490.237	490.257	490.265	26
27	490.359	490.371	490.381	490.403	490.461	490.382	490.368	490.318A	490.289	490.205	490.256	490.266	27
28	490.360	490.370	490.390	490.404A	490.467	490.401	490.370	490.345	490.290	490.248	490.251A	490.268	28
29	490.365	490.370	490.395	490.407A	490.439	490.400	490.384	490.349	490.298	490.247	490.252A	490.270A	29
30	490.367		490.395	490.413A	490.448	490.409	490.382	490.352	490.268	490.248	490.253	490.272E	30
31	490.369		490.397		490.469		490.347	490.344		490.247		490.273E	31
MEAN	490.355	490.370	490.380	490.395	490.448	490.423	490.371	490.348	490.281	490.253	490.259	490.264	MEAN
MAX	490.369	490.382	490.397	490.413	490.469	490.484	490.442	490.377	490.333	490.283	490.271	490.273	MAX
MIN	490.348	490.364	490.367	490.388	490.417	490.382	490.328	490.304	490.248	490.188	490.243	490.248	MIN

WATER LEVELS IN METRES

MEAN, 490.348
MAXIMUM DAILY, 490.484 ON JUN 2
MINIMUM DAILY, 490.188 ON OCT 22
MAXIMUM INSTANTANEOUS,
490.520 AT 00:17 CST ON JUN 5

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 54 24 35 N
LONG 105 43 25 W

A - MANUAL GAUGE

E - ESTIMATED

REGULATED

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

REMARKS - THE MAXIMUM INSTANTANEOUS WATER LEVEL OCCURRED AS A RESULT OF WIND EFFECT

MONTREAL RIVER AT HIGHWAY NO. 2 - STATION NO. 06CA003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	2.51B	2.04B	2.83B	4.35B	3.70B	9.23	4.32	1.36	1.77	0.302	0.153B	0.390B	1
2	2.39B	2.06B	2.49B	4.73B	3.70B	7.00	2.70	1.52	1.00	0.205	0.168B	0.440B	2
3	2.05B	1.59B	2.66B	3.62B	3.70B	7.68	1.78	1.64	1.52	0.288	0.155B	0.410B	3
4	2.20B	2.19B	2.04B	3.76B	3.66B	6.06	2.43	2.01	1.03	2.59	0.120B	0.400B	4
5	2.57B	2.30B	3.47B	3.69B	4.19B	6.06	2.51	2.16	1.85	2.24	0.135B	0.390B	5
6	2.28B	1.40B	3.01B	3.94B	5.51B	3.70	6.65	1.28	2.88	1.06	0.192B	0.384B	6
7	2.66B	3.00B	2.43B	3.70B	6.20B	1.20	6.88	0.713	1.82	0.849	0.216B	0.382B	7
8	2.32B	2.89B	3.70B	3.65B	7.23	4.51	3.20	3.15	0.381	0.690	0.254B	0.340B	8
9	3.13B	2.16B	3.44B	3.21B	4.75	7.43	0.887	2.81	0.251	0.385	0.250B	0.315B	9
10	2.26B	1.83B	2.84B	3.69B	6.02	5.40	1.06	2.45	0.266	0.272	0.230B	0.340B	10
11	2.48B	1.97B	3.70B	4.64B	6.66	6.87	2.24	2.02	0.559	0.257	0.230B	0.365B	11
12	2.04B	2.43B	3.95B	4.29B	6.53	5.71	2.81	2.82	1.97	1.18	0.177B	0.375B	12
13	1.82B	2.51B	2.66B	4.14B	8.82	3.27	2.70	3.00	0.887	0.887	0.267B	0.365B	13
14	2.84B	2.47B	2.91B	4.05B	6.67	2.71	3.32	2.75	1.61	0.686	0.307B	0.370B	14
15	2.87B	3.46B	3.25B	4.42B	7.12	3.87	2.63	1.92	2.17	0.571	0.318B	0.339B	15
16	2.57B	3.22B	3.19B	4.42B	9.28	5.80	3.81	1.23	1.42	0.285	0.317B	0.390B	16
17	2.75B	3.14B	3.55B	4.28B	9.93	3.84	3.14	1.51	0.281	0.155	0.264B	0.430B	17
18	2.48B	3.16B	2.86B	4.52B	6.66	3.80	3.14	2.48	0.088	0.312	0.288B	0.481B	18
19	2.30B	2.83B	2.40B	4.20B	7.78	2.41	1.70	2.24	0.006	0.544	0.305B	0.454B	19
20	2.21B	2.16B	2.73B	4.53B	8.65	2.57	3.38	2.15	0.442	1.01	0.292B	0.501B	20
21	2.44B	2.88B	3.18B	3.86B	5.43	1.88	4.81	1.50	1.67	0.428	0.325B	0.429B	21
22	2.44B	3.05B	3.23B	4.85B	7.18	2.56	3.81	2.24	1.02	2.24	0.319B	0.448B	22
23	2.31B	1.76B	3.02B	4.11B	6.54	2.84	1.92	0.870	0.495	0.353	0.333B	0.435B	23
24	3.25B	1.31B	3.04B	3.98B	7.88	3.06	2.51	1.79	0.442	0.108	0.371B	0.390B	24
25	1.92B	2.25B	2.96B	4.02B	6.33	2.88	3.23	1.00	0.305	0.086	0.380B	0.350B	25
26	2.50B	2.18B	2.86B	4.58B	6.72	3.48	3.07	1.56	0.085	0.048	0.330B	0.350B	26
27	2.43B	3.00B	3.00B	4.20B	6.86	2.57	2.53	0.517	0.976	0.080	0.355B	0.380B	27
28	3.00B	3.83B	3.05B	4.00B	6.82	3.52	2.30	1.42	2.19	0.050	0.360B	0.350B	28
29	2.35B	2.84B	3.30B	3.68B	4.42	4.38	1.88	3.05	2.88	0.0808	0.370B	0.350B	29
30	1.58B		3.61B	3.72B	3.54	5.36	2.35	2.11	1.15	0.180B	0.380B	0.350B	30
31	2.00B		4.24B		7.17		1.85	3.06		0.174B		0.340B	31
TOTAL	75.23	72.89	95.83	123.44	192.45	131.55	94.087	63.210	34.678	18.600	8.220	12.118	TOTAL
MEAN	2.43	2.51	3.09	4.11	6.21	4.38	3.04	2.06	1.16	0.600	0.274	0.391	MEAN
MAX	3.25	3.83	4.24	4.84	9.93	9.23	6.88	3.15	2.88	2.59	0.380	0.501	MAX
MIN	1.58	1.31	2.04	3.21	3.54	1.20	0.887	0.517	0.088	0.048	0.120	0.315	MIN

SUMMARY FOR THE YEAR 1988

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 2.52
MAXIMUM DAILY, 9.93 ON MAY 17
MINIMUM DAILY, 0.048 ON OCT 26
MAXIMUM INSTANTANEOUS,
15.2 AT 09:10 CST ON JUL 7

TYPE OF GAUGE - RECORDING
LOCATION - LAT 54 42 50 N
LONG 105 41 48 W
DRAINAGE AREA, 5 450 km^2

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	6 500	JUL	8 130
FEB	6 300	AUG	5 460
MAR	8 280	SEP	3 000
APR	10 700	OCT	1 610
MAY	16 600	NOV	711
JUN	11 400	DEC	1 050

TOTAL DISCHARGE, 79 700 dam^3

REMARKS - DATA QUALITY WAS FAIR DURING OPEN WATER CONDITIONS AND POOR DURING ICE CONDITIONS

MONTREAL RIVER AT OUTLET OF BIGSTONE LAKE - STATION NO. 06CA001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	5.35	5.31E	4.81	5.34	7.38	17.2	8.85	7.57E	13.1 E	6.48	5.18	4.88	1
2	5.40	5.30E	4.84	5.38	7.80	17.0	8.75	7.40E	12.5 E	6.20	5.15	4.92	2
3	5.31	5.20E	4.74	5.32	8.43	17.0	8.85	7.37E	11.6 E	6.11	5.14	4.92	3
4	5.16	5.28E	4.72	5.36	9.09	17.0	8.71	7.40E	11.2 E	6.06	5.14	4.87	4
5	5.06	5.26E	4.68	5.36	9.92	16.6	8.41	7.60E	10.7 E	5.88	5.10	4.83	5
6	6.00	5.27E	4.85	5.38	10.1	15.4	8.84	7.86E	10.1 E	5.84	5.23	4.80	6
7	5.88	5.27E	4.83	5.48	11.1	15.0	8.76	8.35E	9.09E	5.78	5.62	4.76	7
8	5.88	5.20E	4.63	5.80	12.1	14.9	9.10	8.60E	9.15E	5.81	5.67	4.80	8
9	5.81	5.25E	4.61	5.79	12.4	15.3	8.21	8.65E	8.70A	6.16	5.67	4.87	9
10	5.73	5.28E	4.72	5.87	12.9	15.0	7.78	8.46E	7.99	5.94	5.83	4.86	10
11	5.70	5.24A	4.78	6.01	13.7	15.2	7.48	8.30E	7.82	5.48	5.87	4.74	11
12	5.70	5.21	4.76	5.88	14.0	15.3	7.20	8.20E	7.53	5.40	5.87	4.83	12
13	5.61	5.15	4.75	5.92	14.3	14.9	7.73	8.06E	7.40	5.43	5.84	4.90	13
14	5.52	5.19	4.73	5.51	13.7	14.2	8.17	7.95E	6.94	5.53	5.59	4.81	14
15	5.44	5.15	4.79	5.46	14.1	14.0	8.56	7.85E	6.63	5.86	5.54	4.74	15
16	5.42A	5.17	4.79	5.55	15.1	13.4	8.92	7.75E	6.40	5.87	5.43	4.88	16
17	5.41E	5.27	4.80	5.51	15.7	12.6	9.00	7.86E	6.51	5.83	5.48	4.85	17
18	5.41E	5.09	4.83	5.48	16.5	12.6	9.23	7.96E	6.52	5.90	5.48	4.88	18
19	5.40E	5.06	4.79	5.46	16.5	12.3	8.90A	7.80E	6.40	5.72	5.42	4.99	19
20	5.39E	5.10	4.79	5.50	16.8	12.3	8.75E	8.80E	6.27	5.72	5.31	4.84	20
21	5.39E	5.22	4.80	5.63	17.9	11.9	8.80E	10.3 E	6.37	5.49	5.28	4.40	21
22	5.38E	5.12	4.82	5.62	16.5	10.9	8.60E	11.9 E	6.84	5.67	5.21	4.35	22
23	5.37E	5.12	4.77	5.63	15.9	10.6	8.40E	13.0 E	6.02	5.02	5.24	4.41	23
24	5.36E	4.96	4.88	5.63	15.2	11.0	8.30E	13.6 E	6.56	5.55	5.36	4.33	24
25	5.36E	4.92	5.14	5.71	16.4	10.7	8.20E	14.2 E	6.31	5.56	5.30	4.27	25
26	5.35E	4.93	5.12	5.86	16.5	10.1	8.13A	14.8 E	[illegible]	5.38	5.24	4.18	26
27	5.34E	4.92	5.04	5.96	16.1	9.43	8.00E	14.6 E	6.62	5.40	5.18	4.24	27
28	5.34E	4.89	5.22	6.17	16.5	9.18	7.90E	14.8 E	6.05	5.28	5.13	4.14	28
29	5.33E	4.80	5.31	6.52	15.8	8.91	7.80E	14.9 E	6.33	5.14	5.08	4.06	29
30	5.32E		5.38	7.01	15.8	8.94	7.70E	14.4 E	6.84	5.06	4.97	3.89	30
31	5.32E		5.20		16.3		7.65E	13.6 E		5.19		3.85	31
TOTAL	174.64	148.24	150.72	169.48	428.83	400.46	256.88	308.37	236.82	177.24	160.66	141.57	TOTAL
MEAN	5.63	5.15	4.86	5.65	13.8	13.3	8.35	9.95	7.90	5.72	5.36	4.57	MEAN
MAX	6.40	5.31	5.38	7.01	17.9	17.2	9.23	14.9	13.1	6.48	5.87	4.98	MAX
MIN	5.32	4.80	4.61	5.32	7.38	8.91	7.20	7.37	6.02	5.04	4.97	3.85	MIN

SUMMARY FOR THE YEAR 1988

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 7.53
MAXIMUM DAILY, 17.2 ON JUN 1
MINIMUM DAILY, 3.85 ON DEC 31
MAXIMUM INSTANTANEOUS,
18.1 AT 20:15 CST ON JUN 2

TYPE OF GAUGE - RECORDING
LOCATION - LAT 55 05 40 N
LONG 105 21 46 W
DRAINAGE AREA, 7 280 km^2
A - MANUAL GAUGE

E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	15 100	JUL	22 400
FEB	12 800	AUG	26 700
MAR	13 000	SEP	20 500
APR	14 800	OCT	15 300
MAY	37 000	NOV	13 900
JUN	34 600	DEC	12 200

TOTAL DISCHARGE, 238 000 dam^3

MOOSE JAW RIVER ABOVE THUNDER CREEK - STATION NO. 05JE001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0B	0 B	0.003	0	0	0	0	0	---	---	1
2	---	---	0B	0 B	0.003	0	0	0	0	0	---	---	2
3	---	---	0B	0 B	0.003	0	0	0	0	0	---	---	3
4	---	---	0B	0 B	0.003	0	0	0	0	0	---	---	4
5	---	---	0B	0 B	0.003	0	0	0	0	0	---	---	5
6	---	---	0B	0 B	0.003	0	0	0	0	0	---	---	6
7	---	---	0B	0 B	0.003	0	0	0	0	0	---	---	7
8	---	---	0B	0 B	0.002	0	0	0	0	0	---	---	8
9	---	---	0B	0 B	0.002	0	0	0	0	0	---	---	9
10	---	---	0B	0 B	0.002	0	0	0	0	0	---	---	10
11	---	---	0B	0.003B	0.002	0	0	0	0	0	---	---	11
12	---	---	0B	0.006B	0.002	0	0	0	0	0	---	---	12
13	---	---	0B	0.007	0.002	0	0	0	0	0	---	---	13
14	---	---	0B	0.007	0.002	0	0	0	0	0	---	---	14
15	---	---	0B	0.007	0.003	0	0	0	0	0	---	---	15
16	---	---	0B	0.007	0.001	0	0	0	0	0	---	---	16
17	---	---	0B	0.006	0.001	0	0	0	0	0	---	---	17
18	---	---	0B	0.006	0.001	0	0	0	0	0	---	---	18
19	---	---	0B	0.005	0.001	0	0	0	0	0	---	---	19
20	---	---	0B	0.005	0.001	0	0	0	0	0	---	---	20
21	---	---	0B	0.005	0.001	0	0	0	0	0	---	---	21
22	---	---	0B	0.005	0.001	0	0	0	0	0	---	---	22
23	---	---	0B	0.005	0.001	0	0	0	0	0	---	---	23
24	---	---	0B	0.005	0.001	0	0	0	0	0	---	---	24
25	---	---	0B	0.005	0.001	0	0	0	0	0	---	---	25
26	---	---	0B	0.005	0.001	0	0	0	0	0	---	---	26
27	---	---	0B	0.004	0	0	0	0	0	0	---	---	27
28	---	---	0B	0.004	0	0	0	0	0	0	---	---	28
29	---	---	0B	0.004	0	0	0	0	0	0	---	---	29
30	---		0B	0.004	0	0	0	0	0	0	---	---	30
31	---		0B		0		0	0		0		---	31
TOTAL	---	---	0	0.105	0.048	0	0	0	0	0	---	---	TOTAL
MEAN	---	---	0	0.004	0.002	0	0	0	0	0	---	---	MEAN
MAX	---	---	0	0.007	0.003	0	0	0	0	0	---	---	MAX
MIN	---	---	0	0	0	0	0	0	0	0	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.001
MAXIMUM DAILY, 0.007 ON APR 13
MINIMUM DAILY, 0B ON MAR 1
MAXIMUM INSTANTANEOUS,
0.007 AT 08:05 CST ON APR 13

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 20 48 N
LONG 105 31 48 W
DRAINAGE AREA, 5 280 km²

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	0
FEB	---	AUG	0
MAR	0	SEP	0
APR	9.07	OCT	0
MAY	4.15	NOV	---
JUN	0	DEC	---

TOTAL DISCHARGE, 13.2 dam³

MOOSE JAW RIVER NEAR BURDICK - STATION NO. 05JE006

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.005B	0 B	0.011B	0.014B	0	0	0	0	0	0	0	0B	1
2	0.004B	0 B	0.010B	0.015B	0	0	0	0	0	0	0	0B	2
3	0.004B	0 B	0.008B	0.016B	0	0	0	0	0	0	0	0B	3
4	0.003B	0 B	0.008B	0.017B	0	0	0	0	0	0	0	0B	4
5	0.003B	0 B	0.008B	0.016B	0	0	0	0	0	0	0	0B	5
6	0.003B	0 B	0.010B	0.015B	0	0	0	0	0	0	0	0B	6
7	0.003B	0 B	0.012B	0.014B	0	0	0	0	0	0	0	0B	7
8	0.003B	0 B	0.014B	0.015B	0	0	0	0	0	0	0	0B	8
9	0.002B	0 B	0.015B	0.016B	0	0	0	0	0	0	0	0B	9
10	0.001B	0 B	0.010B	0.015B	0	0	0	0	0	0	0B	0B	10
11	0.001B	0 B	0.009B	0.014B	0	0	0	0	0	0	0B	0B	11
12	0 B	0 B	0.009B	0.011B	0	0	0	0	0	0	0B	0B	12
13	0 B	0 B	0.008B	0.008B	0	0	0	0	0	0	0B	0B	13
14	0 B	0 B	0.008B	0.008B	0	0	0	0	0	0	0B	0B	14
15	0 B	0 B	0.008B	0.004B	0	0	0	0	0	0	0B	0B	15
16	0 B	0 B	0.008B	0.002	0	0	0	0	0	0	0B	0B	16
17	0 B	0 B	0.010B	0	0	0	0	0	0	0	0B	0B	17
18	0 B	0 B	0.011B	0	0	0	0	0	0	0	0B	0B	18
19	0 B	0 B	0.013B	0	0	0	0	0	0	0	0B	0B	19
20	0 B	0 B	0.015B	0	0	0	0	0	0	0	0B	0B	20
21	0 B	0 B	0.017B	0	0	0	0	0	0	0	0B	0B	21
22	0 B	0 B	0.019B	0	0	0	0	0	0	0	0B	0B	22
23	0 B	0 B	0.020B	0	0	0	0	0	0	0	0B	0B	23
24	0 B	0 B	0.018B	0	0	0	0	0	0	0	0B	0B	24
25	0 B	0 B	0.019B	0	0	0	0	0	0	0	0B	0B	25
26	0 B	0.002B	0.014B	0	0	0	0	0	0	0	0B	0B	26
27	0 B	0.005B	0.018B	0	0	0	0	0	0	0	0B	0B	27
28	0 B	0.010B	0.016B	0	0	0	0	0	0	0	0B	0B	28
29	0 B	0.011B	0.014B	0	0	0	0	0	0	0	0B	0B	29
30	0 B		0.013B	0	0	0	0	0	0	0	0B	0B	30
31	0 B		0.013B		0		0	0		0		0B	31
TOTAL	0.032	0.028	0.382	0.199	0	0	0	0	0	0	0	0	TOTAL
MEAN	0.001	0.001	0.012	0.007	0	0	0	0	0	0	0	0	MEAN
MAX	0.005	0.011	0.020	0.017	0	0	0	0	0	0	0	0	MAX
MIN	0	0	0.008	0	0	0	0	0	0	0	0	0	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.002
MAXIMUM DAILY, 0.020B ON MAR 23
MINIMUM DAILY, 0B ON JAN 12
MAXIMUM INSTANTANEOUS,
0.020B AT 12:00 CST ON MAR 23

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 24 00 N
LONG 105 23 50 W
DRAINAGE AREA, 9 230 km²

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	2.76	JUL	0
FEB	2.42	AUG	0
MAR	33.0	SEP	0
APR	17.2	OCT	0
MAY	0	NOV	0
JUN	0	DEC	0

TOTAL DISCHARGE, 55.4 dam³

MOOSE JAW RIVER NEAR LANG - STATION NO. 05JE002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0	0	0	0	0	0	0	0	---	---	1
2	---	---	0	0	0	0	0	0	0	0	---	---	2
3	---	---	0	0	0	0	0	0	0	0	---	---	3
4	---	---	0	0	0	0	0	0	0	0	---	---	4
5	---	---	0	0	0	0	0	0	0	0	---	---	5
6	---	---	0	0	0	0	0	0	0	0	---	---	6
7	---	---	0	0	0	0	0	0	0	0	---	---	7
8	---	---	0	0	0	0	0	0	0	0	---	---	8
9	---	---	0	0	0	0	0	0	0	0	---	---	9
10	---	---	0	0	0	0	0	0	0	0	---	---	10
11	---	---	0	0	0	0	0	0	0	0	---	---	11
12	---	---	0	0	0	0	0	0	0	0	---	---	12
13	---	---	0	0	0	0	0	0	0	0	---	---	13
14	---	---	0	0	0	0	0	0	0	0	---	---	14
15	---	---	0	0	0	0	0	0	0	0	---	---	15
16	---	---	0	0	0	0	0	0	0	0	---	---	16
17	---	---	0	0	0	0	0	0	0	0	---	---	17
18	---	---	0	0	0	0	0	0	0	0	---	---	18
19	---	---	0	0	0	0	0	0	0	0	---	---	19
20	---	---	0	0	0	0	0	0	0	0	---	---	20
21	---	---	0	0	0	0	0	0	0	0	---	---	21
22	---	---	0	0	0	0	0	0	0	0	---	---	22
23	---	---	0	0	0	0	0	0	0	0	---	---	23
24	---	---	0	0	0	0	0	0	0	0	---	---	24
25	---	---	0	0	0	0	0	0	0	0	---	---	25
26	---	---	0	0	0	0	0	0	0	0	---	---	26
27	---	---	0	0	0	0	0	0	0	0	---	---	27
28	---	---	0	0	0	0	0	0	0	0	---	---	28
29	---	---	0	0	0	0	0	0	0	0	---	---	29
30	---		0	0	0	0	0	0	0	0	---	---	30
31	---		0		0		0	0		0		---	31
TOTAL	---	---	0	0	0	0	0	0	0	0	---	---	TOTAL
MEAN	---	---	0	0	0	0	0	0	0	0	---	---	MEAN
MAX	---	---	0	0	0	0	0	0	0	0	---	---	MAX
MIN	---	---	0	0	0	0	0	0	0	0	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0
MAXIMUM DAILY, 0 ON MAR 1
MINIMUM DAILY, 0 ON MAR 1
MAXIMUM INSTANTANEOUS,
0 AT 00:00 CST ON MAR 1

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 55 51 N
LONG 104 28 57 W
DRAINAGE AREA, 875 km²

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	0
FEB	---	AUG	0
MAR	0	SEP	0
APR	0	OCT	0
MAY	0	NOV	---
JUN	0	DEC	---

TOTAL DISCHARGE, 0 dam³

MOOSE JAW RIVER NEAR ROULEAU - STATION NO. 05JE004

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0B	0B	0	0	0	0	0	0	---	---	1
2	---	---	0B	0	0	0	0	0	0	0	---	---	2
3	---	---	0B	0	0	0	0	0	0	0	---	---	3
4	---	---	0B	0	0	0	0	0	0	0	---	---	4
5	---	---	0B	0	0	0	0	0	0	0	---	---	5
6	---	---	0B	0	0	0	0	0	0	0	---	---	6
7	---	---	0B	0	0	0	0	0	0	0	---	---	7
8	---	---	0B	0	0	0	0	0	0	0	---	---	8
9	---	---	0B	0	0	0	0	0	0	0	---	---	9
10	---	---	0B	0	0	0	0	0	0	0	---	---	10
11	---	---	0B	0	0	0	0	0	0	0	---	---	11
12	---	---	0B	0	0	0	0	0	0	0	---	---	12
13	---	---	0B	0	0	0	0	0	0	0	---	---	13
14	---	---	0B	0	0	0	0	0	0	0	---	---	14
15	---	---	0B	0	0	0	0	0	0	0	---	---	15
16	---	---	0B	0	0	0	0	0	0	0	---	---	16
17	---	---	0B	0	0	0	0	0	0	0	---	---	17
18	---	---	0B	0	0	0	0	0	0	0	---	---	18
19	---	---	0B	0	0	0	0	0	0	0	---	---	19
20	---	---	0B	0	0	0	0	0	0	0	---	---	20
21	---	---	0B	0	0	0	0	0	0	0	---	---	21
22	---	---	0B	0	0	0	0	0	0	0	---	---	22
23	---	---	0B	0	0	0	0	0	0	0	---	---	23
24	---	---	0B	0	0	0	0	0	0	0	---	---	24
25	---	---	0B	0	0	0	0	0	0	0	---	---	25
26	---	---	0B	0	0	0	0	0	0	0	---	---	26
27	---	---	0B	0	0	0	0	0	0	0	---	---	27
28	---	---	0B	0	0	0	0	0	0	0	---	---	28
29	---	---	0B	0	0	0	0	0	0	0	---	---	29
30	---		0B	0	0	0	0	0	0	0	---	---	30
31	---		0B		0		0	0		0		---	31
TOTAL	---	---	0	0	0	0	0	0	0	0	---	---	TOTAL
MEAN	---	---	0	0	0	0	0	0	0	0	---	---	MEAN
MAX	---	---	0	0	0	0	0	0	0	0	---	---	MAX
MIN	---	---	0	0	0	0	0	0	0	0	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0
MAXIMUM DAILY, 0B ON MAR 1
MINIMUM DAILY, 0B ON MAR 1
MAXIMUM INSTANTANEOUS,
0B AT 00:00 CST ON MAR 1

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 11 20 N
LONG 104 59 08 W
DRAINAGE AREA, 2 990 km²

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	0
FEB	---	AUG	0
MAR	0	SEP	0
APR	0	OCT	0
MAY	0	NOV	---
JUN	0	DEC	---

TOTAL DISCHARGE, 0 dam³

MOOSE MOUNTAIN CREEK BELOW MOOSE MOUNTAIN LAKE - STATION NO. 05NC001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.010B	0.015B	0.036	0.022	0.006	0.003	0.002	0.004	---	---	1
2	---	---	0.010B	0.012B	0.066	0.022	0.007	0.004	0.002	0.004	---	---	2
3	---	---	0.012B	0.011B	0.031	0.021	0.006	0.006	0.003	0.004	---	---	3
4	---	---	0.013B	0.014B	0.021	0.018	0.005	0.002	0.005	0.003	---	---	4
5	---	---	0.015B	0.012B	0.017	0.016	0.005	0.001	0.005	0.004	---	---	5
6	---	---	0.015B	0.013B	0.017	0.016	0.006	0.002	0.003	0.005	---	---	6
7	---	---	0.012B	0.013B	0.073	0.015	0.007	0.002	0.002	0.006	---	---	7
8	---	---	0.005B	0.023	0.036	0.014	0.005	0.003	0.001	0.006	---	---	8
9	---	---	0.004B	0.023	0.025	0.015	0.004	0.004	0	0.008	---	---	9
10	---	---	0.001B	0.017	0.022	0.015	0.004	0.005	0	0.007	---	---	10
11	---	---	0.002B	0.015	0.023	0.014	0.001	0.004	0.004	0.006	---	---	11
12	---	---	0.003B	0.017	0.023	0.014	0.004	0.004	0.004	0.007	---	---	12
13	---	---	0.004B	0.020	0.018	0.014	0.007	0.004	0.003	0.007	---	---	13
14	---	---	0.005B	0.020	[illegible]	0.017	0.006	0.005	0.002	0.007	---	---	14
15	---	---	0.005B	0.021	0.036	0.016	0.006	0.005	0.002	0.006	---	---	15
16	---	---	0.006B	0.023	0.026	0.013	0.003	0.005	0.002	0.007	---	---	16
17	---	---	0.007B	0.025	0.020	0.013	0.002	0.005	0.002	0.009	---	---	17
18	---	---	0.008B	0.026	0.022	0.011	0.002	0.006	0.002	0.010	---	---	18
19	---	---	0.008B	0.027	0.021	0.009	0.002	0.007	0.003	0.008	---	---	19
20	---	---	0.002B	0.028A	0.024	0.006	0.002	0.007	0.003	0.009	---	---	20
21	---	---	0.051B	0.028E	0.028	0.006	0.002	0.010	0.004	0.007	---	---	21
22	---	---	0.014B	0.030E	0.029	0.007	0.003	0.005	0.005	0.009	---	---	22
23	---	---	0.012B	0.030E	0.029	0.007	0.003	0.007	0.004	0.005	---	---	23
24	---	---	0.015B	0.026E	0.023	0.009	0.002	0.006	0.005	0.004	---	---	24
25	---	---	0.015B	0.026E	0.028	0.005	0.003	0.006	0.005	0.006	---	---	25
26	---	---	0.015B	0.024E	0.026	0.004	0.005	0.007	0.005	0.007	---	---	26
27	---	---	0.014B	0.022E	0.026	0.006	0.007	0.007	0.005	0.008	---	---	27
28	---	---	0.011B	0.020E	0.028	0.003	0.003	0.008	0.006	0.007B	---	---	28
29	---	0.010B	0.010B	0.018A	0.022	0.003	0.003	0.005	0.005	0.007B	---	---	29
30	---		0.010B	0.031A	0.019	0.006	0.002	0.002	0.006	0.007B	---	---	30
31	---		0.011B		0.021		0.002	0.002		0.007B		---	31
TOTAL	---	---	0.344	0.633	0.870	0.382	0.124	0.152	0.088	0.208	---	---	TOTAL
MEAN	---	---	0.011	0.021	0.028	0.012	0.004	0.005	0.003	0.007	---	---	MEAN
MAX	---	---	0.051	0.031	0.073	0.022	0.008	0.010	0.006	0.010	---	---	MAX
MIN	---	---	0.001	0.011	0.017	0.003	0.001	0.001	0	0.003	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.011
MAXIMUM DAILY, 0.073 ON MAY 7
MINIMUM DAILY, 0 ON SEP 9
MAXIMUM INSTANTANEOUS,
0.133 AT 06:57 CST ON MAY 7

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 52 23 N
LONG 103 00 54 W
DRAINAGE AREA, 2 310 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	10.7
FEB	---	AUG	13.1
MAR	29.7	SEP	8.47
APR	54.7	OCT	17.8
MAY	75.2	NOV	---
JUN	31.3	DEC	---

TOTAL DISCHARGE, 241 dam³

MOOSE MOUNTAIN CREEK NEAR OXBOW - STATION NO. 05ND004

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0B	0.001B	0	0	0	0	0	0	---	---	1
2	---	---	0B	0.001B	0.005	0	0	0	0	0	---	---	2
3	---	---	0B	0.001B	0.006	0	0	0	0	0	---	---	3
4	---	---	0B	0.001B	0.005	0	0	0	0	0	---	---	4
5	---	---	0.001B	0.001B	0.003	0	0	0	0	0	---	---	5
6	---	---	0.001B	0.001	0.002	0	0	0	0	0	---	---	6
7	---	---	0.001B	0.002	0.002	0	0	0	0	0	---	---	7
8	---	---	0.001B	0.005	0.001	0	0	0	0	0	---	---	8
9	---	---	0.001B	0.006	0	0	0	0	0	0	---	---	9
10	---	---	0.001B	0.005	0	0	0	0	0	0	---	---	10
11	---	---	0.001B	0.004	0	0	0	0	0	0	---	---	11
12	---	---	0B	0.004	0	0	0	0	0	0	---	---	12
13	---	---	0B	0.003	0	0	0	0	0	0	---	---	13
14	---	---	0B	0.003	0	0	0	0	0	0	---	---	14
15	---	---	0B	0.003	0	0	0	0	0	0	---	---	15
16	---	---	0B	0.003	0	0	0	0	0	0	---	---	16
17	---	---	0B	0.003	0	0	0	0	0	0	---	---	17
18	---	---	0B	0.003	0	0	0	0	0	0	---	---	18
19	---	---	0B	0.002	0	0	0	0	0	0	---	---	19
20	---	---	0B	0.002	0	0	0	0	0	0	---	---	20
21	---	---	0B	0.001	0	0	0	0	0	0	---	---	21
22	---	---	0B	0.001	0	0	0	0	0	0	---	---	22
23	---	---	0B	0.001	0	0	0	0	0	0	---	---	23
24	---	---	0B	0.001	0	0	0	0	0	0	---	---	24
25	---	---	0.001B	0.001	0	0	0	0	0	0	---	---	25
26	---	---	0B	0	0	0	0	0	0	0	---	---	26
27	---	---	0B	0	0	0	0	0	0	0	---	---	27
28	---	---	0B	0	0	0	0	0	0	0B	---	---	28
29	---	---	0B	0	0	0	0	0	0	0B	---	---	29
30	---		0.001B	0	0	0	0	0	0	0B	---	---	30
31	---		0.001B		0		0	0		0B		---	31
TOTAL	---	---	0.010	0.061	0.026	0	0	0	0	0	---	---	TOTAL
MEAN	---	---	0	0.002	0.001	0	0	0	0	0	---	---	MEAN
MAX	---	---	0.001	0.006	0.006	0	0	0	0	0	---	---	MAX
MIN	---	---	0	0	0	0	0	0	0	0	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0
MAXIMUM DAILY, 0.006 ON APR 9
MINIMUM DAILY, 0B ON MAR 1
MAXIMUM INSTANTANEOUS,
0.030 AT 17:05 CST ON MAY 3

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 13 58 N
LONG 102 13 41 W
DRAINAGE AREA, 5 080 km²

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	0
FEB	---	AUG	0
MAR	0.86	SEP	0
APR	5.27	OCT	0
MAY	2.25	NOV	---
JUN	0	DEC	---

TOTAL DISCHARGE, 8.38 dam³

MOOSE MOUNTAIN LAKE (RESERVOIR) NEAR CORNING - STATION NO. 05NC002

DAILY WATER LEVEL IN METRES FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	619.885	---	619.878A	619.892E	619.879	619.830	619.631	619.471	619.374	619.283	---	---	1
2	619.884	---	619.878E	619.893E	619.903	619.827	619.624	619.462	619.364	619.292	---	---	2
3	619.883A	---	619.878E	619.893E	619.888	619.813	619.630	619.488	619.356	619.284	---	---	3
4	619.883E	---	619.879E	619.895A	619.876	619.792	619.621	619.476	619.346	619.269	---	---	4
5	619.883E	---	619.879E	619.889	619.864	619.761	619.617	619.475	619.343	619.269	---	---	5
6	619.884A	---	619.880E	619.900	619.884	619.771	619.634	619.483	619.324	619.274	---	---	6
7	---	---	619.880E	619.903	619.898	619.770	619.635	619.476	619.365	619.276	---	---	7
8	---	---	619.881E	619.912	619.902	619.764	619.615	619.452	619.356	619.279	---	---	8
9	---	619.878A	619.881E	619.914	619.884	619.755	619.614	619.448	619.325	619.287	---	---	9
10	---	---	619.881E	619.911	619.885	619.740	619.600	619.449	619.311	619.275	---	---	10
11	---	---	619.881E	619.910	619.881	619.759	619.582	619.436	619.343	619.285	---	---	11
12	---	---	619.881E	619.911	619.890	619.744	619.570	619.438	619.336	619.244	---	---	12
13	---	---	619.881E	619.910	619.887	619.736	619.598	619.430	619.332	619.260	---	---	13
14	---	---	619.881E	619.902	619.895	619.745	619.576	619.422	619.323	619.262	---	---	14
15	---	---	619.881E	619.893	619.909	619.739	619.593	619.426	619.311	619.264	---	---	15
16	---	---	619.882E	619.913	619.879	619.718	619.578	619.420	619.319	619.268	---	---	16
17	---	---	619.882E	619.898	619.853	619.727	619.589	619.423	619.335	619.265	---	---	17
18	---	---	619.883A	619.891	619.868	619.724	619.570	619.399	619.323	619.266	---	---	18
19	---	---	619.885	619.890	619.863	619.726	619.566	619.416	619.316	619.251	---	---	19
20	---	---	619.884	619.883	619.881	619.701	619.551	619.400	619.308	619.269	---	---	20
21	---	---	619.882A	619.882	619.861	619.714	619.544	619.422	619.301	619.238	---	---	21
22	---	---	619.882A	619.876	619.876	619.667	619.528	619.435	619.328	619.309	---	---	22
23	---	---	619.889A	619.875	619.868	619.678	619.555	619.428	619.300	619.260	---	---	23
24	---	---	619.883	619.902	619.837	619.718	619.520	619.414	619.307	619.253	---	---	24
25	---	---	619.881	619.875	619.867	619.674	619.520	619.402	619.278	619.257	---	---	25
26	---	---	619.894	619.889	619.864	619.617	619.511	619.411	619.311	619.232	---	---	26
27	---	---	619.900	619.884	619.853	619.652	619.494	619.402	619.272	619.277	---	---	27
28	---	---	619.893	619.868	619.856	619.641	619.504	619.382	619.260	619.240	---	---	28
29	---	619.878A	619.891A	619.841	619.834	619.604	619.507	619.386	619.284	619.236	---	619.254A	29
30	---		619.892E	619.885	619.815	619.637	619.487	619.351	619.298	619.237	619.242A	---	30
31	619.878E		619.892E		619.830		619.489	619.364		619.236A		619.266E	31
MEAN	---	---	619.884	619.891	619.873	619.725	619.569	619.428	619.323	619.264	---	---	MEAN
MAX	---	---	619.900	619.914	619.909	619.830	619.635	619.488	619.365	619.309	---	---	MAX
MIN	---	---	619.878	619.841	619.815	619.604	619.487	619.351	619.272	619.232	---	---	MIN

SUMMARY FOR THE YEAR 1988

WATER LEVELS IN METRES

MAXIMUM DAILY, 619.914 ON APR 9
MINIMUM DAILY, 619.232 ON OCT 26
MAXIMUM INSTANTANEOUS,
620.015 AT 00:24 CST ON MAY 15

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 53 28 N
LONG 103 01 58 W

A - MANUAL GAUGE

E - ESTIMATED

REGULATED

WATER LEVELS ARE REFERRED TO TOPOGRAPHIC SURVEY DATUM

REMARKS - THE MAXIMUM INSTANTANEOUS WATER LEVEL OCCURRED AS A RESULT OF WIND EFFECT

MOOSOMIN LAKE NEAR MOOSOMIN - STATION NO. 05NE002

DAILY WATER LEVEL IN METRES FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	543.926A	543.965	543.952E	543.945	544.226	544.054	543.927	543.839	543.660	543.588A	---	1
2	---	543.929	543.961	543.956E	543.985	544.224	544.061	543.924	543.838	543.655	---	---	2
3	---	543.929A	543.960	543.954E	544.001	544.220	544.061	543.921	543.834	543.658	---	---	3
4	---	---	543.959A	543.949E	544.004	544.216	544.047	543.917	543.831	543.642	---	---	4
5	---	---	543.960E	543.950E	544.003	544.202	544.042	543.914	543.828	543.636	---	---	5
6	---	---	543.956E	543.952A	544.017	544.198	544.057	543.908	543.818	543.632	---	---	6
7	---	---	543.957E	543.949	544.048	544.188	544.053	543.925	543.822	543.626	---	---	7
8	---	---	543.956A	543.943	544.070	544.178	544.043	543.912	543.825	543.621	---	---	8
9	---	---	543.957	543.939	544.081	544.175	544.039	543.908	543.800	543.626	---	---	9
10	---	---	543.959	543.937	544.081	544.171	544.030	543.913	543.794	543.621	---	---	10
11	---	---	543.958A	543.941	544.107	544.165	544.022	543.910	543.811	543.618	---	---	11
12	---	---	543.957E	543.929	544.124	544.158	544.016	543.909	543.804	543.610	---	---	12
13	---	---	543.956E	543.938	544.123	544.148	544.025	543.901A	543.795	543.608	---	---	13
14	---	---	543.957E	543.935	544.148	544.146	544.015	543.887	543.788	543.614	---	---	14
15	---	---	543.953E	543.934	544.183	544.148	544.024	543.889	543.775	543.614	---	---	15
16	---	---	543.951E	543.937	544.185	544.136	544.011	543.881	543.772	543.611	---	---	16
17	---	---	543.953E	543.935	544.189	544.138	544.002	543.893	543.770	543.613	---	---	17
18	---	---	543.952E	543.932	544.194	544.135	544.000	543.891	543.761	543.611	---	---	18
19	---	---	543.951E	543.933	544.200	544.134	543.991	543.884	543.761	543.602	---	---	19
20	---	---	543.947E	543.933	544.207	544.116	543.987	543.848	543.745	543.613	---	---	20
21	---	---	543.948E	543.931	544.215	544.121	543.968	543.895	543.728	543.599	---	---	21
22	---	---	543.951E	543.930	544.223	544.111	543.976	543.887	543.738	543.610	---	---	22
23	---	543.944A	543.948A	543.930	544.216	544.103	543.977	543.872	543.725	543.603	---	---	23
24	---	543.948	543.951	543.944	544.210	544.110	543.963	543.884	543.725	543.597	---	---	24
25	---	543.948	543.956A	543.933	544.220	544.088	543.962	543.857	543.704	543.594	---	---	25
26	---	543.952	543.956E	543.929	544.215	544.072	543.951	543.858	543.700	543.585	---	---	26
27	---	543.956	543.956E	543.929	544.211	544.076	543.942	543.857	543.683	543.597	---	---	27
28	---	543.962	543.953E	543.927	544.217	544.069	543.955	543.851	543.684	543.590	---	---	28
29	---	543.963	543.954E	543.922	544.216	544.051	543.950	543.845	543.688	543.588	---	---	29
30	---		543.958E	543.928	544.215	544.053	543.936	543.837	543.688	543.586	---	---	30
31	---		543.955E		544.226		543.936	543.840		543.592		---	31
MEAN	---	---	543.955	543.936	544.136	544.142	544.003	543.880	543.780	543.616	---	---	MEAN
MAX	---	---	543.965	543.956	544.226	544.226	544.057	543.927	543.839	543.660	---	---	MAX
MIN	---	---	543.947	543.922	543.945	544.051	543.936	543.837	543.683	543.585	---	---	MIN

SUMMARY FOR THE YEAR 1988

WATER LEVELS IN METRES

MAXIMUM DAILY, 544.226 ON MAY 31

MAXIMUM INSTANTANEOUS,
544.382 AT 20:06 CST ON JUN 10

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 03 01 N
LONG 101 41 26 W

A - MANUAL GAUGE

E - ESTIMATED

REGULATED

DRAINAGE AREA,
3 980 km²

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

REMARKS - THE MAXIMUM INSTANTANEOUS WATER LEVEL OCCURRED AS A RESULT OF WIND EFFECT

MORIN CREEK NEAR MEADOW LAKE - STATION NO. 05AD006

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0 B	0.012B	0.083	0.168	0	0.280	5.48	0.839	0.193	---	1
2	---	---	0 B	0.015B	0.070	0.115	0	0.244	5.10	0.785	0.192A	---	2
3	---	---	0 B	0.022B	0.050	0.061	0	0.219	4.75	0.685	---	---	3
4	---	---	0 B	0.090B	0.024	0.042	0	0.187	4.55	0.727	---	---	4
5	---	---	0 B	0.287B	0.032	0.018	0.003	0.148	4.28	0.779	---	---	5
6	---	---	0 B	0.721B	0.032	0.032	0.035	0.208	3.98	0.848	---	---	6
7	---	---	0 B	1.02 B	0.033	0.024	0.188	0.482	3.80	0.522	---	---	7
8	---	---	0 B	1.64 B	0.028	0.015	0.221	0.242	3.57	0.468	---	---	8
9	---	---	0 B	2.39 B	0.020	0.018	0.374	0.143	3.33	0.449	---	---	9
10	---	---	0 B	2.73 B	0.019	0.014	0.314	0.114	3.11	0.415	---	---	10
11	---	---	0 B	2.87 B	0.019	0.011	0.134	0.122	2.90	0.380	---	---	11
12	---	---	0 B	2.76 B	0.024	0.013	0.042	0.228	2.88	0.348	---	---	12
13	---	---	0 B	2.51	0.020	0.011	0.028	0.240	2.61	0.334	---	---	13
14	---	---	0 B	1.83	0.038	0.010	0.100A	0.184	2.38	0.328	---	---	14
15	---	---	0 B	1.14	0.187	0.010	0.847	0.158	2.16	0.323	---	---	15
16	---	---	0 B	0.753	0.175	0.006	0.857	0.148	2.00	0.305	---	---	16
17	---	---	0 B	0.484	0.148	0.005	0.731	0.134	1.88	0.289	---	---	17
18	---	---	0 B	0.288	0.135	0.003	0.818	0.188	1.72	0.277	---	---	18
19	---	---	0 B	0.187	0.088	0.002	0.583	0.783	1.58	0.233	---	---	19
20	---	---	0 B	0.138	0.055	0.001	0.480	0.880	1.45	0.240	---	---	20
21	---	---	0 B	0.148	0.060	0	0.423	1.77	1.38	0.240	---	---	21
22	---	---	0 B	0.184	0.049	0	0.377	3.82	1.43	0.232	---	---	22
23	---	---	0 B	0.198	0.038	0	0.380	4.77	1.50	0.228	---	---	23
24	---	---	0 B	0.170	0.040	0	0.338	7.80	1.39	0.227	---	---	24
25	---	---	0 B	0.152	0.028	0	0.323	6.59	1.27	0.224	---	---	25
26	---	---	0 B	0.154	0.020	0	0.308	6.12	1.18	0.219	---	---	26
27	---	---	0 B	0.159	0.015	0	0.281	7.11	1.12	0.213B	---	---	27
28	---	---	0.002B	0.135	0.015	0	0.288	6.88	1.08	0.209B	---	---	28
29	---	---	0.005B	0.117	0.014	0	0.280	6.57	0.984	0.208B	---	---	29
30	---		0.007B	0.112	0.028	0	0.281	6.21	0.887	0.204B	---	---	30
31	---		0.008B		0.140		0.288	5.67		0.201		---	31
TOTAL	---	---	0.024	22.187	1.711	0.570	8.088	68.188	75.341	11.873	---	---	TOTAL
MEAN	---	---	0.001	0.773	0.055	0.019	0.283	2.20	2.51	0.377	---	---	MEAN
MAX	---	---	0.008	2.87	0.175	0.168	0.857	7.80	5.48	0.839	---	---	MAX
MIN	---	---	0	0.012	0.014	0	0	0.114	0.887	0.201	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.774
MAXIMUM DAILY, 7.80 ON AUG 24
MINIMUM DAILY, 0B ON MAR 1
MAXIMUM INSTANTANEOUS,
8.48 AT 05:28 CST ON AUG 24

TYPE OF GAUGE - RECORDING
LOCATION - LAT 54 08 55 N
LONG 108 34 38 W
DRAINAGE AREA, 187 km^2
A - MANUAL GAUGE
B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	784
FEB	---	AUG	5 890
MAR	2.07	SEP	6 510
APR	2 000	OCT	1 010
MAY	148	NOV	---
JUN	49.2	DEC	---

TOTAL DISCHARGE, 16 400 dam^3

MORIN LAKE NEAR VICTOIRE - STATION NO. 05AE003

DAILY WATER LEVEL IN METRES FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	---	27.802	27.745	27.684	27.678	27.615	27.573	---	1
2	---	---	---	---	---	27.800	27.742	27.680	27.675	27.612	---	---	2
3	---	---	---	---	---	27.798E	27.742	27.676	27.671	27.610	---	---	3
4	---	---	---	---	---	27.787E	27.737	27.675	27.669	27.609	---	---	4
5	---	---	---	---	---	27.786E	27.734	27.676	27.664	27.606	---	---	5
6	---	---	---	---	---	27.785	27.741	27.670	27.661	27.605	---	---	6
7	---	---	---	---	---	27.784	27.733	27.675	27.659	27.603	---	---	7
8	---	---	---	---	---	27.782	27.730	27.671	27.657	27.602	---	---	8
9	---	---	---	---	---	27.780	27.728	27.667	27.654	27.600	---	---	9
10	---	---	---	---	---	27.787	27.726	27.663	27.648	27.599	---	---	10
11	---	---	---	---	---	27.786	27.722	27.664	27.645	27.598	---	---	11
12	---	---	---	---	---	27.784	27.720	27.662	27.641	27.597	---	---	12
13	---	---	---	---	27.767	27.781	27.718	27.658	27.639	27.596	---	---	13
14	---	---	---	---	27.768	27.779	27.720	27.660	27.635	27.594	---	---	14
15	---	---	---	---	27.773	27.778	27.719	27.659	27.631	27.594	---	---	15
16	---	---	---	---	27.771	27.771	27.718	27.659	27.628	27.593	---	---	16
17	---	---	---	---	27.771	27.768	27.716	27.656	27.625	27.591	---	---	17
18	---	---	---	---	27.771	27.767	27.720	27.652	27.621	27.590	---	---	18
19	---	---	---	---	27.771	27.766	27.717	27.661	27.620	27.589	---	---	19
20	---	---	---	---	27.770	27.765	27.715	27.696	27.620	27.587	---	---	20
21	---	---	---	---	27.768	27.762	27.709	27.708	27.618	27.587	---	---	21
22	---	---	---	---	27.768	27.761	27.714	27.713	27.615	27.586	---	---	22
23	---	---	---	---	27.768	27.758	27.709	27.711	27.612	27.583	---	---	23
24	---	---	---	---	27.764	27.758	27.714	27.709	27.609	27.583	---	---	24
25	---	---	---	---	27.764	27.764	27.708	27.704	27.612	27.582	---	---	25
26	---	---	---	---	27.759	27.762	27.698	27.701	27.615	27.581	---	---	26
27	---	---	---	---	27.764	27.760	27.694	27.694	27.616	27.580	---	---	27
28	---	---	---	---	27.751	27.749	27.688	27.691	27.613	27.579	---	---	28
29	---	---	---	---	27.751	27.747	27.679	27.688	27.619	27.577	---	---	29
30	---		---	---	27.779	27.747	27.680	27.685	27.617	27.576	---	---	30
31	---		---		27.803		27.670	27.681		27.576		---	31
MEAN	---	---	---	---	---	27.774	27.717	27.678	27.637	27.593	---	---	MEAN
MAX	---	---	---	---	---	27.802	27.745	27.713	27.678	27.615	---	---	MAX
MIN	---	---	---	---	---	27.747	27.670	27.652	27.609	27.576	---	---	MIN

SUMMARY FOR THE YEAR 1988

WATER LEVELS IN METRES

MAXIMUM DAILY, 27.803 ON MAY 31

TYPE OF GAUGE - MANUAL
LOCATION - LAT 53 28 52 N
LONG 107 03 32 W
DATA CONTRIBUTED BY -
SASKATCHEWAN WATER CORPORATION

E - ESTIMATED

WATER LEVELS ARE REFERRED TO ASSUMED DATUM

MOSQUITO CREEK NEAR PAMBRUN - STATION NO. 05JB007

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0B	0	0	0	0	0	0	0	---	---	1
2	---	---	0B	0	0	0	0	0	0	0	---	---	2
3	---	---	0B	0	0	0	0	0	0	0	---	---	3
4	---	---	0B	0	0	0	0	0	0	0	---	---	4
5	---	---	0B	0	0	0	0	0	0	0	---	---	5
6	---	---	0B	0	0	0	0	0	0	0	---	---	6
7	---	---	0B	0	0	0	0	0	0	0	---	---	7
8	---	---	0B	0	0	0	0	0	0	0	---	---	8
9	---	---	0B	0	0	0	0	0	0	0	---	---	9
10	---	---	0B	0	0	0	0	0	0	0	---	---	10
11	---	---	0B	0	0	0	0	0	0	0	---	---	11
12	---	---	0B	0	0	0	0	0	0	0	---	---	12
13	---	---	0B	0	0	0	0	0	0	0	---	---	13
14	---	---	0B	0	0	0	0	0	0	0	---	---	14
15	---	---	0B	0	0	0	0	0	0	0	---	---	15
16	---	---	0B	0	0	0	0	0	0	0	---	---	16
17	---	---	0B	0	0	0	0	0	0	0	---	---	17
18	---	---	0B	0	0	0	0	0	0	0	---	---	18
19	---	---	0B	0	0	0	0	0	0	0	---	---	19
20	---	---	0B	0	0	0	0	0	0	0	---	---	20
21	---	---	0B	0	0	0	0	0	0	0	---	---	21
22	---	---	0B	0	0	0	0	0	0	0	---	---	22
23	---	---	0B	0	0	0	0	0	0	0	---	---	23
24	---	---	0B	0	0	0	0	0	0	0	---	---	24
25	---	---	0B	0	0	0	0	0	0	0	---	---	25
26	---	---	0B	0	0	0	0	0	0	0	---	---	26
27	---	---	0B	0	0	0	0	0	0	0	---	---	27
28	---	---	0B	0	0	0	0	0	0	0	---	---	28
29	---	---	0B	0	0	0	0	0	0	0	---	---	29
30	---		0B	0	0	0	0	0	0	0	---	---	30
31	---		0		0		0	0		0		---	31
TOTAL	---	---	0	0	0	0	0	0	0	0	---	---	TOTAL
MEAN	---	---	0	0	0	0	0	0	0	0	---	---	MEAN
MAX	---	---	0	0	0	0	0	0	0	0	---	---	MAX
MIN	---	---	0	0	0	0	0	0	0	0	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0
MAXIMUM DAILY, 0B ON MAR 1
MINIMUM DAILY, 0B ON MAR 1
MAXIMUM INSTANTANEOUS,
0B AT 00:00 CST ON MAR 1

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 58 37 N
LONG 107 26 13 W
DRAINAGE AREA, 125 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	0
FEB	---	AUG	0
MAR	0	SEP	0
APR	0	OCT	0
MAY	0	NOV	---
JUN	0	DEC	---

TOTAL DISCHARGE, 0 dam³

MUDDY LAKE INFLOW NEAR REVENUE - STATION NO. 05GB004

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0 B	0.005E	0E	0E	0E	0E	0E	0E	---	---	1
2	---	---	0 B	0.004E	0E	0E	0E	0E	0E	0E	---	---	2
3	---	---	0 B	0.004E	0	0E	0E	0E	0E	0E	---	---	3
4	---	---	0 B	0.003E	0E	0E	0E	0E	0E	0E	---	---	4
5	---	---	0 B	0.003E	0E	0E	0E	0E	0E	0	---	---	5
6	---	---	0 B	0.003A	0E	0E	0E	0E	0E	0E	---	---	6
7	---	---	0 B	0.001E	0E	0E	0E	0E	0E	0E	---	---	7
8	---	---	0 B	0.001E	0E	0E	0E	0E	0E	0E	---	---	8
9	---	---	0 B	0.001E	0E	0E	0E	0E	0E	0E	---	---	9
10	---	---	0 B	0 E	0E	0E	0E	0	0E	0E	---	---	10
11	---	---	0 B	0 E	0E	0E	0E	0E	0E	0E	---	---	11
12	---	---	0 B	0	0E	0E	0E	0E	0E	0E	---	---	12
13	---	---	0 B	0 E	0E	0E	0	0E	0	0E	---	---	13
14	---	---	0 B	0 E	0E	0E	0E	0E	0E	0E	---	---	14
15	---	---	0 B	0 E	0E	0E	0E	0E	0E	0E	---	---	15
16	---	---	0 B	0 E	0E	0E	0E	0E	0E	0E	---	---	16
17	---	---	0 B	0 E	0E	0E	0E	0E	0E	0E	---	---	17
18	---	---	0 B	0 E	0E	0E	0E	0E	0E	0E	---	---	18
19	---	---	0.008B	0 E	0E	0E	0E	0E	0E	0E	---	---	19
20	---	---	0.020B	0 E	0E	0E	0E	0E	0E	0E	---	---	20
21	---	---	0.037B	0 E	0E	0E	0E	0E	0E	0E	---	---	21
22	---	---	0.087A	0 E	0E	0E	0E	0E	0E	0E	---	---	22
23	---	---	0.070E	0 E	0E	0E	0E	0E	0E	0E	---	---	23
24	---	---	0.050E	0 E	0E	0E	0E	0E	0E	0E	---	---	24
25	---	---	0.034E	0 E	0E	0E	0E	0E	0E	0E	---	---	25
26	---	---	0.024E	0 E	0E	0E	0E	0E	0E	0	---	---	26
27	---	---	0.017E	0 E	0E	0E	0E	0E	0E	0E	---	---	27
28	---	---	0.014E	0 E	0E	0E	0E	0E	0E	0E	---	---	28
29	---	---	0.010E	0 E	0E	0E	0E	0E	0E	0E	---	---	29
30	---		0.008E	0 E	0E	0E	0E	0E	0E	0E	---	---	30
31	---		0.006E		0		0E	0E		0E		---	31
TOTAL	---	---	0.385	0.023	0	0	0	0	0	0	---	---	TOTAL
MEAN	---	---	0.012	0.001	0	0	0	0	0	0	---	---	MEAN
MAX	---	---	0.087	0.005	0	0	0	0	0	0	---	---	MAX
MIN	---	---	0	0	0	0	0	0	0	0	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.002
MAXIMUM DAILY, 0.087A ON MAR 22
MINIMUM DAILY, 0B ON MAR 1

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 52 13 50 N
LONG 109 02 10 W
DRAINAGE AREA, 252 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	0
FEB	---	AUG	0
MAR	33.3	SEP	0
APR	1.99	OCT	0
MAY	0	NOV	---
JUN	0	DEC	---

TOTAL DISCHARGE, 35.3 dam³

MUDJATIK RIVER NEAR FORCIER LAKE - STATION NO. 06BC001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	12.5 B	10.1 B	8.82B	13.8B	30.2	32.7	33.1	35.2	29.4	26.6	22.2B	21.2B	1
2	12.5 B	9.86B	8.66B	14.0B	30.3	32.9	32.4	35.9	29.2	26.5	21.3B	21.5B	2
3	12.3 B	9.83B	8.57B	14.0B	30.4	33.8	31.8	35.2	28.8	26.4	21.4B	21.0B	3
4	12.1 B	9.70B	8.68B	14.0B	30.9	34.1	31.5	34.6	28.3	26.4	22.0B	22.3B	4
5	11.9 B	9.68B	8.83B	13.7B	31.8	34.8	31.2	34.2	28.0	26.3	22.1B	22.3B	5
6	11.8 B	9.60B	8.87B	13.4B	32.2	34.9	33.2	33.6	27.9	26.2	21.1B	22.0B	6
7	11.5 B	9.41B	8.73B	13.5B	32.8	35.6	33.7	33.3	27.4	25.9	21.5B	21.5B	7
8	11.1 B	9.03B	8.56B	13.8B	33.2	36.6	34.8	32.8	27.2	25.6	20.7B	20.8B	8
9	10.8 B	8.87B	8.70B	13.8B	33.5	37.5	35.4	32.2	26.8	25.2	19.4B	20.0B	9
10	10.9 B	8.77B	8.88B	13.8B	33.7	37.3	35.3	32.3	27.2	25.1	20.4B	19.3B	10
11	10.5 B	8.71B	8.83B	13.7B	33.8	37.4	35.2	32.1	27.9	25.0	20.9B	18.8B	11
12	10.4 B	8.65B	8.98B	13.8B	34.1	37.2	34.8	31.8	28.3	25.0	21.2B	17.8B	12
13	10.4 B	8.67B	8.98B	13.7B	34.2	37.2	34.7	31.7	28.4	24.9	21.0B	17.3B	13
14	10.4 B	8.55B	9.12B	13.6B	34.3	37.5	34.7	31.2	28.4	24.9	20.5B	16.9B	14
15	10.4 B	8.46B	9.20B	13.9B	34.3	37.5	34.9	30.5	28.4	25.0	20.2B	16.7B	15
16	10.4 B	8.43B	9.14B	14.3B	34.4	37.3	35.1	30.0	28.4	25.0	20.4B	16.6B	16
17	10.4 B	8.44B	9.24B	14.8B	34.4	37.1	36.2	29.4	28.2	25.0	20.8B	16.4B	17
18	10.4 B	8.55B	9.50B	15.4B	34.2	37.0	36.8	28.9	28.1	25.0	20.9B	16.3B	18
19	10.4 B	8.69B	9.72B	15.8B	34.2	36.3	37.8	28.6	28.1	25.0	20.7B	16.3B	19
20	10.2 B	8.75B	9.88B	16.3B	34.0	35.6	37.9	28.3	28.2	25.1	20.9B	16.1B	20
21	10.3 B	8.88B	10.3 B	17.1B	33.7	35.2	38.2	28.5	28.2	25.2	21.0B	16.1B	21
22	10.3 B	8.75B	10.6 B	17.9B	33.4	34.8	38.3	29.5	28.2	23.8B	20.7B	16.0B	22
23	10.4 B	8.62B	11.0 B	18.8B	32.8	34.7	38.7	30.4	28.1	23.3B	21.1B	15.9B	23
24	10.2 B	8.85B	11.3 B	18.9B	32.4	34.7	39.0	30.8	28.0	23.2B	21.4B	15.8B	24
25	9.98B	8.86B	11.6 B	19.0B	32.0	34.3	39.0	30.7	27.9	21.8B	21.2B	15.7B	25
26	9.94B	8.85B	12.0 B	18.5B	31.4	34.1	38.7	30.8	27.8	22.6B	20.9B	15.6B	26
27	10.1 B	9.03B	12.2 B	20.2B	30.8	33.9	38.0	30.3	27.6	17.0B	20.6B	15.6B	27
28	10.1 B	8.87B	12.7 B	33.0B	31.0	33.5	37.4	30.2	27.6	18.7B	20.7B	15.6B	28
29	10.3 B	8.88B	13.2 B	39.0	31.3	33.5	36.7	29.9	27.5	20.4B	20.8B	15.6B	29
30	10.3 B		13.5 B	30.2	31.4	33.7	36.4	29.3	27.2	22.5B	21.1B	15.6B	30
31	10.2 B		13.7 B		32.2		36.1	28.3		21.8B		15.4B	31
TOTAL	333.12	260.83	311.85	514.7	1 013.1	1 052.9	1 106.7	972.3	840.5	750.7	628.5	555.0	TOTAL
MEAN	10.7	8.99	10.1	17.2	32.7	35.1	35.7	31.4	28.0	24.2	21.0	17.9	MEAN
MAX	12.5	10.1	13.7	39.0	34.4	37.5	39.0	35.9	29.4	26.6	22.2	22.3	MAX
MIN	9.94	8.43	8.56	13.4	30.2	32.7	31.2	28.3	26.8	17.0	19.4	15.4	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 22.8
MAXIMUM DAILY, 39.0 ON APR 29
MINIMUM DAILY, 8.43B ON FEB 16
MAXIMUM INSTANTANEOUS,
42.4B AT 22:00 CST ON APR 28

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 56 05 30 N
LONG 107 35 30 W
DRAINAGE AREA, 5 840 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	28 800	JUL	95 600
FEB	22 500	AUG	84 100
MAR	26 900	SEP	72 600
APR	44 500	OCT	64 900
MAY	87 500	NOV	54 400
JUN	91 000	DEC	48 000

TOTAL DISCHARGE, 722 000 dam³

NASHLYN CANAL NEAR CONSUL - STATION NO. 11AB018

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0	0.484	0.387	0	0	0	0	0	---	---	1
2	---	---	0	0.446	0.381	0	0	0	0	0	---	---	2
3	---	---	0	0.481	0.458	0	0	0	0	0	---	---	3
4	---	---	0	0.573	0.448	0	0	0	0	0	---	---	4
5	---	---	0	0.575	0.444	0	0	0	0	0	---	---	5
6	---	---	0	0.714	0.281	0	0	0	0	0	---	---	6
7	---	---	0	0.846	0.028	0	0	0	0	0	---	---	7
8	---	---	0	0.880	0.007	0	0	0	0	0	---	---	8
9	---	---	0	0.988	0.003	0	0	0	0	0	---	---	9
10	---	---	0	0.999	0.001	0	0	0	0	0	---	---	10
11	---	---	0	1.01	0.082	0	0	0	0	0	---	---	11
12	---	---	0	1.19	0.576	0	0	0	0	0	---	---	12
13	---	---	0	1.10	0.286	0	0	0	0	0	---	---	13
14	---	---	0	1.08	0.228	0	0	0	0	0	---	---	14
15	---	---	0	1.00	0.228	0	0	0	0	0	---	---	15
16	---	---	0	0.920	0.408	0	0	0	0	0	---	---	16
17	---	---	0	0.904	0.571	0	0	0	0	0	---	---	17
18	---	---	0	0.848	0.592	0	0	0	0	0	---	---	18
19	---	---	0	0.889	0.557	0	0	0	0	0	---	---	19
20	---	---	0	0.787	0.573	0	0	0	0	0	---	---	20
21	---	---	0	0.893	0.602	0	0	0	0	0	---	---	21
22	---	---	0	0.615	0.587	0	0	0	0	0	---	---	22
23	---	---	0	0.528	0.452	0	0	0	0	0	---	---	23
24	---	---	0	0.500	0.054	0	0	0	0	0	---	---	24
25	---	0	0.542	0.485	0.017	0	0	0	0	0	---	---	25
26	---	0	0.568	0.434	0.008	0	0	0	0	0	---	---	26
27	---	0	0.584	0.430	0.004	0	0	0	0	0	---	---	27
28	---	0	0.716	0.431	0	0	0	0	0	0	---	---	28
29	---	0	0.616A	0.452	0	0	0	0	0	0	---	---	29
30	---		0.521	0.434	0	0	0	0	0	0	---	---	30
31	---		0.511		0		0	0		0		---	31
TOTAL	---	---	4.080	21.919	8.189	0	0	0	0	0	---	---	TOTAL
MEAN	---	---	0.132	0.731	0.264	0	0	0	0	0	---	---	MEAN
MAX	---	---	0.716	1.19	0.602	0	0	0	0	0	---	---	MAX
MIN	---	---	0	0.430	0	0	0	0	0	0	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.140
MAXIMUM DAILY, 1.19 ON APR 12
MINIMUM DAILY, 0 ON MAR 1

SUMMARY FOR THE MONTHS MAR TO OCT

INTERNATIONAL GAUGING STATION
TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 12 57 N
LONG 109 23 27 W

A - MANUAL GAUGE

REGULATED

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	0
FEB	---	AUG	0
MAR	353	SEP	0
APR	1 890	OCT	0
MAY	708	NOV	---
JUN	0	DEC	---

TOTAL DISCHARGE, 2 950 dam³

NEMEIBEN LAKE NEAR LA RONGE - STATION NO. 06CB003

DAILY WATER LEVEL IN METRES FOR 1986

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	---	---	---	---	---	---	370.252	---	1
2	---	---	---	---	---	---	---	---	---	---	---	---	2
3	---	---	---	---	---	---	---	---	---	---	---	---	3
4	---	---	---	---	---	---	---	---	---	---	---	---	4
5	---	---	---	---	---	---	---	---	---	---	---	---	5
6	---	---	---	---	---	---	---	---	---	---	---	---	6
7	---	---	---	---	---	370.382	---	---	---	---	---	---	7
8	---	---	---	---	---	---	---	---	---	---	---	---	8
9	---	---	---	---	---	---	---	---	---	---	---	---	9
10	---	---	---	---	---	---	370.328	370.328	---	---	---	---	10
11	---	---	---	---	---	---	---	---	---	---	---	---	11
12	---	---	---	---	---	---	---	---	---	---	---	---	12
13	---	---	---	---	---	---	---	---	---	---	---	---	13
14	---	---	---	---	---	370.377	---	---	---	---	---	---	14
15	---	---	---	---	---	---	---	---	---	---	---	---	15
16	---	---	---	---	---	---	370.358	---	---	---	---	---	16
17	---	---	---	---	---	---	---	---	---	---	---	---	17
18	---	---	---	---	---	---	---	370.317	---	---	---	---	18
19	---	---	---	---	---	---	---	---	---	---	---	---	19
20	---	---	---	---	370.402	370.387	---	---	---	---	---	---	20
21	---	---	---	---	---	---	370.353	---	---	---	---	---	21
22	---	---	---	---	---	---	---	---	---	---	---	---	22
23	---	---	---	---	---	---	---	370.313	---	---	---	---	23
24	---	---	---	---	---	---	---	---	---	---	---	---	24
25	---	---	---	---	370.400	---	---	370.313	---	---	---	---	25
26	---	---	---	---	---	---	---	---	---	---	---	---	26
27	---	---	---	---	---	---	---	370.311	---	---	---	---	27
28	---	---	---	---	---	---	---	---	---	---	---	---	28
29	---	---	---	---	---	---	---	---	---	---	---	---	29
30	---		---	---	370.407	---	---	---	---	---	---	---	30
31	---		---		---		---	---		---		---	31
MEAN	---	---	---	---	---	---	---	---	---	---	---	---	MEAN
MAX	---	---	---	---	---	---	---	---	---	---	---	---	MAX
MIN	---	---	---	---	---	---	---	---	---	---	---	---	MIN

SUMMARY FOR THE YEAR 1986

TYPE OF GAUGE - MANUAL
LOCATION - LAT 55 15 36 N
LONG 105 22 10 W
DATA CONTRIBUTED BY -
SASKATCHEWAN WATER CORPORATION

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

NEWTON LAKE - STATION NO. 11AC056

DAILY WATER LEVEL IN METRES FOR 1986

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	801.750	801.677	802.660	801.799	800.201	799.660	799.456	799.370	---	---	1
2	---	---	801.744	802.057	802.652	801.782	800.125	799.641	799.459	799.367	---	---	2
3	---	---	801.743	802.126	802.616	801.709	800.044	799.635	799.456	799.359	---	---	3
4	---	---	801.742	802.197	802.582	801.674	799.984	799.631	799.448	799.356	---	---	4
5	---	---	801.748	802.257	802.515	801.634	799.897	799.628	799.436	799.355	---	---	5
6	---	---	801.748	802.342	802.463	801.595	799.885	799.616	799.436	799.353	---	---	6
7	---	---	801.750	802.411	802.443	801.547	799.880	799.603	799.430	799.347	---	---	7
8	---	---	801.748	802.477	802.386	801.506	799.863	799.593	799.429	799.350	---	---	8
9	---	---	801.754	802.513	802.343	801.460	799.870	799.589	799.429	799.347	---	---	9
10	---	---	801.760	802.540	802.280	801.420	799.855	799.563	799.424	799.342	---	---	10
11	---	---	801.755	802.553	802.236	801.377	799.840E	799.571	799.452	799.340	---	---	11
12	---	---	801.752	802.583	802.187	801.321	799.836E	799.572	799.456	799.341	---	---	12
13	---	---	801.748	802.593	802.133	801.304	799.828E	799.563	799.449	799.340	---	---	13
14	---	---	801.746	802.601	802.095	801.283	799.816E	799.558	799.440	799.332	---	---	14
15	---	---	801.748	802.599	802.045	801.231	799.801E	799.554	799.436	799.312	---	---	15
16	---	---	801.743	802.608	801.992	801.184	799.788E	799.551	799.435	799.293	---	---	16
17	---	---	801.743	802.595	801.945	801.136	799.779E	799.540	799.430	799.279	---	---	17
18	---	---	801.743	802.597	801.905	801.081	799.772E	799.532	799.454	799.264	---	---	18
19	---	---	801.745	802.593	801.880	801.007	799.761E	799.532	799.452	799.222	---	---	19
20	---	---	801.748	802.588	801.867	800.949	799.750E	799.523	799.450A	799.193	---	---	20
21	---	---	801.754	802.591	801.854	800.893	799.730E	799.522	799.446E	799.181	---	---	21
22	---	---	801.754	802.599	801.833	800.835	799.726E	799.516	799.442E	799.137	---	---	22
23	---	---	801.753	802.609	801.818	800.780	799.706A	799.511	799.439A	799.120	---	---	23
24	---	---	801.756	802.614	801.824	800.715	799.692	799.506E	799.429A	799.095	---	---	24
25	---	---	801.755	802.621	801.872	800.624	799.687	799.503A	799.420E	799.088	---	---	25
26	---	801.755E	801.753	802.632	801.940	800.584	799.680	799.495E	799.408E	799.053	---	---	26
27	---	801.755E	801.757	802.641	801.964	800.505	799.681	799.486E	799.397E	799.046	---	---	27
28	---	801.755E	801.757	802.646	801.961	800.427	799.680	799.478E	799.387A	799.031A	---	---	28
29	---	801.755A	801.752	802.652	801.918	800.340	799.674	799.469E	799.377	799.020E	---	---	29
30	---		801.752	802.655	801.880	800.284	799.666	799.480E	799.374	799.010E	---	---	30
31	---		801.754		801.838		799.660	799.453A		799.001E		---	31
MEAN	---	---	801.751	802.489	802.126	801.132	799.811	799.551	799.433	799.232	---	---	MEAN
MAX	---	---	801.757	802.655	802.660	801.799	800.201	799.660	799.459	799.370	---	---	MAX
MIN	---	---	801.742	801.677	801.818	800.284	799.660	799.453	799.374	799.001	---	---	MIN

WATER LEVELS IN METRES

SUMMARY FOR THE YEAR 1986

MAXIMUM DAILY, 802.660 ON MAY 1

MAXIMUM INSTANTANEOUS,
802.676 AT 21:00 CST ON MAY 1

INTERNATIONAL GAUGING STATION
TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 16 12 N
LONG 107 48 20 W

A - MANUAL GAUGE

E - ESTIMATED

REGULATED SINCE 1937

DRAINAGE AREA,
3 480 km^2

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM
APPLY .052 m ADJUSTMENT TO CONVERT TO TOPOGRAPHIC SURVEY DATUM

REMARKS - THE MAXIMUM INSTANTANEOUS WATER LEVEL OCCURRED AS A RESULT OF WIND EFFECT

NEWTON LAKE MAIN CANAL - STATION NO. 11AC054

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0	0	0	0	0	0	0	0	---	---	1
2	---	---	0	0	1.18	0	0	0	0	0	---	---	2
3	---	---	0	0	1.88	0	0	0	0	0	---	---	3
4	---	---	0	0	2.07	0	0	0	0	0	---	---	4
5	---	---	0	0	2.06	0	0	0	0	0	---	---	5
6	---	---	0	0	2.05	0	0	0	0	0	---	---	6
7	---	---	0	0	2.13	0	0	0	0	0	---	---	7
8	---	---	0	0	2.12	0	0	0	0	0	---	---	8
9	---	---	0	0	2.23	0	0	0	0	0	---	---	9
10	---	---	0	0	2.36	0	0	0	0	0	---	---	10
11	---	---	0	0	2.32	0	0	0	0	0	---	---	11
12	---	---	0	0	2.28	0	0	0	0	0	---	---	12
13	---	---	0	0	2.12	0	0	0	0	0	---	---	13
14	---	---	0	0	2.06	0	0	0	0	0	---	---	14
15	---	---	0	0	2.13	0	0	0	0	0	---	---	15
16	---	---	0	0	2.08	0	0	0	0	0	---	---	16
17	---	---	0	0	2.08	0	0	0	0	0	---	---	17
18	---	---	0	0	0.887	0	0	0	0	0	---	---	18
19	---	---	0	0	0.518	0	0	0	0	0	---	---	19
20	---	---	0	0	0.516	0	0	0	0	0	---	---	20
21	---	---	0	0	0.481	0	0	0	0	0	---	---	21
22	---	---	0	0	0.393	0	0	0	0	0	---	---	22
23	---	---	0	0	0.282	0	0	0	0	0	---	---	23
24	---	---	0	0	0.228	0	0	0	0	0	---	---	24
25	---	---	0	0	0.161	0	0	0	0	0	---	---	25
26	---	0	0	0	0	0	0	0	0	0	---	---	26
27	---	0	0	0	0	0	0	0	0	0	---	---	27
28	---	0	0	0	0	0	0	0	0	0	---	---	28
29	---	---	0	0	0	0	0	0	0	0	---	---	29
30	---		0	0	0	0	0	0	0	0	---	---	30
31	---		0		0		0	0		0		---	31
TOTAL	---	---	0	0	36.626	0	0	0	0	0	---	---	TOTAL
MEAN	---	---	0	0	1.18	0	0	0	0	0	---	---	MEAN
MAX	---	---	0	0	2.36	0	0	0	0	0	---	---	MAX
MIN	---	---	0	0	0	0	0	0	0	0	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.150
MAXIMUM DAILY, 2.36 ON MAY 10
MINIMUM DAILY, 0 ON MAR 1

SUMMARY FOR THE MONTHS MAR TO OCT

INTERNATIONAL GAUGING STATION
TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 18 16 N
LONG 107 46 05 W

REGULATED SINCE 1937

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	0
FEB	---	AUG	0
MAR	0	SEP	0
APR	0	OCT	0
MAY	3 170	NOV	---
JUN	0	DEC	---

TOTAL DISCHARGE, 3 170 dam³

NICKLE LAKE NEAR WEYBURN - STATION NO. 05NB020

DAILY WATER LEVEL IN METRES FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	561.987	561.953	561.921	561.908	561.827	561.655	561.324	561.047	560.795	560.629	560.489	560.445	1
2	561.986	561.950	561.918	561.905	561.828	561.646	561.313	561.043	560.788	560.622	560.488	560.444	2
3	561.986	561.945	561.919	561.904	561.823	561.632	561.304	561.042	560.778	560.616	560.485	560.441	3
4	561.982	561.944	561.915	561.906	561.817	561.617	561.295	561.033	560.771	560.610	560.485	560.439	4
5	561.980	561.943	561.916	561.906	561.808	561.603	561.291	561.024	560.765	560.604	560.483	560.438	5
6	561.980	561.942	561.919	561.903	561.803	561.588	561.306	561.014	560.756	560.600	560.483	560.438	6
7	561.989	561.939	561.921	561.901	561.812	561.578	561.298	561.001	560.748	560.595	560.483	560.435	7
8	561.988	561.939	561.922	561.918	561.810	561.561	561.288	560.990	560.738	560.593	560.486	560.432	8
9	561.986	561.936	561.924	561.914	561.804	561.558	561.279	560.980	560.722	560.588	560.484	560.430	9
10	561.984	561.933	561.926	561.904	561.798	561.544	561.268	560.971	560.715	560.583	560.481	560.428	10
11	561.983	561.933	561.926	561.903	561.801	561.536	561.257	560.962	560.724	560.578	560.478	560.427	11
12	561.982	561.929	561.924	561.900	561.799	561.520	561.249	560.954	560.721	560.574	560.475	560.427	12
13	561.978	561.928	561.923	561.894	561.788	561.509	561.250	560.948	560.718	560.569	560.476	560.430	13
14	561.974	561.930	561.922	561.889	561.787	561.510	561.240	560.939	560.712	560.565	560.472	560.438	14
15	561.972	561.929	561.919	561.882	561.785	561.506	561.232	560.931	560.708	560.563	560.476	560.434	15
16	561.972	561.927	561.918	561.884	561.772	561.494	561.220	560.923	560.705	560.559	560.475	560.434	16
17	561.971	561.925	561.916	561.875	561.764	561.487	561.208	560.914	560.701	560.556	560.475	560.432	17
18	561.969	561.924	561.914	561.870	561.762	561.477	561.200	560.908	560.693	560.554	560.472	560.428	18
19	561.969	561.924	561.914	561.865	561.757	561.465	561.189	560.907	560.689	560.548	560.470	560.427	19
20	561.967	561.924	561.913	561.860	561.752	561.452	561.177	560.898	560.684	560.548A	560.468	560.428	20
21	561.966	561.926	561.914	561.857	561.745	561.442	561.168	560.892	560.680	560.539E	560.467	560.424	21
22	561.963	561.928	561.918	561.851	561.736	561.424	561.157	560.884	560.678	560.547A	560.465	560.425	22
23	561.965	561.922	561.917	561.849	561.728	561.412	561.147	560.873	560.668	560.532E	560.462	560.426	23
24	561.962	561.917	561.920	561.850	561.717	561.408	561.130	560.862	560.665	560.528E	560.461	560.425	24
25	561.959	561.918	561.920	561.840	561.712	561.395	561.120	560.851	560.662	560.524E	560.460	560.424	25
26	561.957	561.916	561.915	561.834	561.703	561.366	561.110	560.846	560.656	560.523A	560.459	560.425	26
27	561.956	561.919	561.916	561.826	561.697	561.358	561.098	560.838	560.650	560.522	560.456	560.426	27
28	561.955	561.923	561.917	561.822	561.694	561.347	561.090	560.828	560.646	560.510	560.452	560.423	28
29	561.954	561.922	561.913	561.816	561.684	561.329	561.079	560.818	560.640	560.507	560.451	560.422	29
30	561.955		561.910	561.819	561.670	561.333	561.065	560.810	560.636	560.503	560.448	560.422	30
31	561.958		561.908		561.663		561.053	560.801		560.501		560.420	31
MEAN	561.974	561.930	561.916	561.875	561.763	561.481	561.207	560.927	560.707	560.561	560.475	560.430	MEAN
MAX	561.987	561.953	561.926	561.918	561.828	561.655	561.324	561.047	560.795	560.629	560.489	560.445	MAX
MIN	561.954	561.916	561.908	561.816	561.663	561.328	561.053	560.801	560.636	560.501	560.448	560.420	MIN

WATER LEVELS IN METRES

MEAN, 561.269
MAXIMUM DAILY, 561.987 ON JAN 1
MINIMUM DAILY, 560.420 ON DEC 31
MAXIMUM INSTANTANEOUS,
561.989 AT 04:45 CST ON JAN 3

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 35 33 N
LONG 103 47 28 W

A - MANUAL GAUGE

E - ESTIMATED

REGULATED

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

NORBURY CREEK NEAR SPIRITWOOD - STATION NO. 05AE001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0B	0 B	0.284	0.020	0	0	0	0	---	---	1
2	---	---	0B	0 B	0.152	0.018	0	0	0	0	---	---	2
3	---	---	0B	0 B	0.023	0.018	0	0	0	0	---	---	3
4	---	---	0B	0 B	0.012	0.007	0	0	0	0	---	---	4
5	---	---	0B	0 B	0.015	0.003	0	0	0	0	---	---	5
6	---	---	0B	0.064B	0.013	0.001	0	0	0	0	---	---	6
7	---	---	0B	0.703B	0.011	0.001E	0	0	0	0	---	---	7
8	---	---	0B	1.05 B	0.011	0.001	0	0	0	0	---	---	8
9	---	---	0B	1.07 B	0.009	0.003	0	0	0	0	---	---	9
10	---	---	0B	1.08 B	0.008	0.001E	0	0	0	0	---	---	10
11	---	---	0B	1.07 B	0.007	0.001E	0	0	0	0	---	---	11
12	---	---	0B	1.02 B	0.008	0.001E	0	0	0	0	---	---	12
13	---	---	0B	0.988	0.008	0.001E	0	0	0	0	---	---	13
14	---	---	0B	0.885	0.005	0.012	0	0	0	0	---	---	14
15	---	---	0B	0.720	0.010	0.012	0	0	0	0	---	---	15
16	---	---	0B	0.548	0.012	0.007	0	0	0	0	---	---	16
17	---	---	0B	0.384	0.011	0.002	0	0	0	0	---	---	17
18	---	---	0B	0.315	0.010	0.002	0	0	0	0	---	---	18
19	---	---	0B	0.337	0.008	0.004	0	0	0	0	---	---	19
20	---	---	0B	0.405	0.008	0.001	0	0	0	0	---	---	20
21	---	---	0B	0.471	0.007	0	0	0	0	0	---	---	21
22	---	---	0B	0.520	0.006	0	0	0	0	0	---	---	22
23	---	---	0B	0.554	0.005	0	0	0	0	0	---	---	23
24	---	---	0B	0.559	0.003	0	0	0	0	0	---	---	24
25	---	---	0B	0.533	0.002	0	0	0	0	0	---	---	25
26	---	---	0B	0.512	0.001	0	0	0	0	0	---	---	26
27	---	---	0B	0.868	0.001E	0	0	0	0	0	---	---	27
28	---	---	0B	1.09	0.001E	0	0	0	0	0	---	---	28
29	---	---	0B	0.828	0.001E	0	0	0	0	0	---	---	29
30	---		0B	0.530	0.015	0	0	0	0	0	---	---	30
31	---		0B		0.019		0	0		0		---	31
TOTAL	---	---	0	17.203	0.702	0.117	0	0	0	0	---	---	TOTAL
MEAN	---	---	0	0.573	0.023	0.004	0	0	0	0	---	---	MEAN
MAX	---	---	0	1.09	0.284	0.020	0	0	0	0	---	---	MAX
MIN	---	---	0	0	0.001	0	0	0	0	0	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.074
MAXIMUM DAILY, 1.09 ON APR 28
MINIMUM DAILY, 0B ON MAR 1
MAXIMUM INSTANTANEOUS,
1.189 AT 06:23 CST ON APR 9

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 53 21 17 N
LONG 107 28 01 W
DRAINAGE AREA, 432 km^2

B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	0
FEB	---	AUG	0
MAR	0	SEP	0
APR	1 490	OCT	0
MAY	60.7	NOV	---
JUN	10.1	DEC	---

TOTAL DISCHARGE, 1 560 dam^3

NORTH SASKATCHEWAN RIVER AT PRINCE ALBERT - STATION NO. 05GG001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	86.7B	97.8B	81.8B	121B	207	114	197	175	220	207	188	132 B	1
2	93.8B	94.8B	81.4B	128B	198	110	188	180	210	202	185	128 B	2
3	93.7B	88.8B	80.0B	126B	190	101	184	172	200	199	188	118 B	3
4	93.4B	88.7B	81.8B	130B	172	103	183	182	181	201	207	110 B	4
5	97.3B	90.9B	83.8B	137B	163	126	180	188	184	189	211	113 B	5
6	103 B	91.8B	85.0B	180B	161	144	181A	158	174	203	223	114 B	6
7	104 B	90.2B	88.6B	169B	169	155	188	151	183	208	217	107 B	7
8	101 B	88.8B	89.4B	181B	168	158	190	140	181	193	189	99.4B	8
9	99.7B	79.8B	87.5B	167B	174	184	194	132	185	188	172	90.4B	9
10	100 B	74.8B	87.7B	170B	183	152	207	133	183	204	152	82.4B	10
11	103 B	74.5B	88.2B	178B	149	155	221	134	158	206	141 B	90.3B	11
12	105 B	74.5B	90.3B	188B	138	153	213	138	184	188	143 B	102 B	12
13	106 B	72.3B	91.8B	214B	128	149	222	151	182	177	127 B	101 B	13
14	104 B	67.9B	93.0B	246B	131	164	271	175	141	178	146 B	97.4B	14
15	98.4B	62.3B	96.3B	303B	134	140	515	180	131	187	150 B	96.8B	15
16	90.0B	58.8B	100 B	410B	143	125	467	180	138	199	163 B	108 B	16
17	83.7B	62.5B	104 B	417	147	131	382	169	164	200	163 B	113 B	17
18	76.1B	68.9B	105 B	477	138	224	318	174	193	189	130 B	116 B	18
19	76.1B	74.8B	107 B	476	123	352	271	180	204	183	123 B	117 B	19
20	75.3B	76.1B	107 B	387	123	340	248	178	194	186	128 B	113 B	20
21	75.1B	71.3B	105 B	281	141	307A	249	182	180	185	118 B	108 B	21
22	78.5B	66.3B	102 B	240	169	282E	262	184	167	186	107 B	109 B	22
23	83.1B	69.7B	103 B	227	166	262E	267	192	171	186	99.0B	109 B	23
24	81.4B	75.7B	105 B	237	185	246A	248	188	183	182	105 B	104 B	24
25	79.0B	76.8B	109 B	288	173	233	233	174	187	199	101 B	100 B	25
26	84.2B	76.0B	112 B	258	173	217	218	212	188	188	97.9B	106 B	26
27	82.5B	76.2B	120 B	226	186	210	207	302	182	190	103 B	112 B	27
28	89.6B	80.4B	117 B	207	178	198	184	342	168	207	110 B	106 B	28
29	104 B	81.5B	113 B	213	150	169	178	306	181	213	121 B	108 B	29
30	107 B		113 B	225	135	191	160	268	208	188	128 B	104 B	30
31	103 B		114 B		124		169	228		182		87.3B	31
TOTAL	2 880.3	2 252.4	3 043.5	7 104	4 901	5 571	7 472	5 779	5 303	6 021	4 468.9	3 311.6	TOTAL
MEAN	92.9	77.7	98.2	237	158	186	241	186	177	194	149	107	MEAN
MAX	107	97.8	120	477	207	352	515	342	220	213	223	132	MAX
MIN	75.1	58.8	80.0	121	123	101	160	132	131	177	97.9	82.4	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 159
MAXIMUM DAILY, 515 ON JUL 15
MINIMUM DAILY, 58.8B ON FEB 16
MAXIMUM INSTANTANEOUS,
529 AT 14:33 CST ON JUL 15

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 53 12 10 N
LONG 105 46 08 W
DRAINAGE AREA, 131 000 km^2
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
REGULATED SINCE 1962

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	249 000	JUL	646 000
FEB	195 000	AUG	499 000
MAR	263 000	SEP	458 000
APR	614 000	OCT	520 000
MAY	423 000	NOV	386 000
JUN	481 000	DEC	286 000

TOTAL DISCHARGE, 5 020 000 dam^3

NORTH SASKATCHEWAN RIVER NEAR DEER CREEK - STATION NO. 05EF001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	83.0B	84.8B	104 B	141 B	142	182	183	148	195	209	192	89.7B	1
2	83.5B	78.5B	96.2B	140 B	148	180	185	150	186	202	182	87.0B	2
3	85.7B	72.4B	94.8B	128 B	156	147	188	130	184	173	158	71.7B	3
4	80.1B	73.1B	103 B	128 B	153	145	182	134	185	189	118	87.1B	4
5	80.0B	77.7B	102 B	136 B	143	151	209	134	158	210	142	106 B	5
6	89.8B	75.8B	104 B	140 B	124	150	210	136	153	192	148 B	94.8B	6
7	85.5B	72.2B	114 B	154 B	108	148	188	144	151	186	147 B	100 B	7
8	86.3B	65.4B	118 B	159 B	115	148	210	189	148	171	156 B	98.0B	8
9	74.9B	58.6B	123 B	159 B	125	145	273	185	129	173	182 B	108 B	9
10	73.5B	57.8B	131 B	153 B	136	117	615	199	127	181	159 B	123 B	10
11	87.1B	77.8B	122 B	184 B	139	115	446	178	184	186	122 B	122 B	11
12	83.0B	82.5B	121 B	212 B	138	195	356	177	187	187	126 B	119 B	12
13	85.5B	67.5B	120 B	266 B	114	285	299	184	213	175	129 B	117 B	13
14	80.7B	78.3B	108 B	282 B	108	401	250	179	201	172	107 B	108 B	14
15	79.4B	67.3B	119 B	269 B	131	345	231	172	186	178	100 B	109 B	15
16	72.0B	77.2B	124 B	211	182	301	240	185	189	170	113 B	122 B	16
17	68.5B	65.8B	123 B	178	184	278	280	174	183	181	122 B	117 B	17
18	68.0B	57.5B	128 B	174	180	258	257	180	180	183	111 B	104 B	18
19	72.3B	61.5B	130 B	181	173	245	247	168	189	179	116 B	109 B	19
20	82.9B	61.9B	118 B	226	180	226	224	158	190	178	122 B	129 B	20
21	89.7B	93.5B	106 B	218	178	203	207	247	180	181	130 B	114 B	21
22	84.2B	95.0B	120 B	177	190	201	189	327	176	183	137 B	112 B	22
23	99.8B	93.0B	123 B	183	150	192	175	343	174	204	138 B	116 B	23
24	95.0B	95.5B	128 B	183	129	183	177	295	181	186	139 B	108 B	24
25	83.5B	94.9B	133 B	203	118	204	170	243	210	187	130 B	92.3B	25
26	80.1B	95.9B	132 B	174	102	202	183	217	198	185	118 B	78.0B	26
27	78.5B	99.0B	123 B	174	101	187	188	218	195	185	122 B	79.4B	27
28	74.4B	105 B	119 B	156	87.8	158	175	202	195	182	120 B	85.6B	28
29	85.2B	105 B	128 B	140	81.1	147	134	195	195	188	105 B	81.7B	29
30	86.9B		140 B	141	123	172	129	188	180	192	99.5B	82.9B	30
31	88.3B		140 B		147		148	177		187		74.3B	31
TOTAL	2 485.0	2 415.1	3 694.0	5 352	4 249.8	5 950	7 131	5 933	5 284	5 775	3 969.5	3 179.2	TOTAL
MEAN	80.2	83.3	119	178	137	198	230	191	176	186	132	102	MEAN
MAX	99.5	105	140	282	190	401	615	343	213	210	192	129	MAX
MIN	60.7	56.6	94.8	128	81.1	115	129	130	127	168	99.5	71.7	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 151
MAXIMUM DAILY, 615 ON JUL 10
MINIMUM DAILY, 58.6B ON FEB 9
MAXIMUM INSTANTANEOUS,
647 AT 14:36 CST ON JUL 10

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 53 31 00 N
LONG 105 36 40 W
DRAINAGE AREA, 57 100 km²

B - ICE CONDITIONS

REGULATED SINCE 1962

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	215 000	JUL	616 000
FEB	209 000	AUG	513 000
MAR	319 000	SEP	456 000
APR	462 000	OCT	499 000
MAY	367 000	NOV	343 000
JUN	514 000	DEC	274 000

TOTAL DISCHARGE, 4 780 000 dam³

NOTUKEU CREEK ABOVE ADMIRAL RESERVOIR - STATION NO. 05JB004

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.041B	0.022	0.001	0	0	0	0	0	---	---	1
2	---	---	0.025B	0.020	0.001	0	0	0	0	0	---	---	2
3	---	---	0.023B	0.019	0.001	0	0	0	0	0	---	---	3
4	---	---	0.056B	0.028	0.001	0	0	0	0	0	---	---	4
5	---	---	0.050B	0.041	0	0	0	0	0	0	---	---	5
6	---	---	0.036B	0.031	0	0	0	0	0	0	---	---	6
7	---	---	0.024B	0.023	0	0	0	0	0	0	---	---	7
8	---	---	0.027B	0.022	0	0	0	0	0	0	---	---	8
9	---	---	0.022B	0.016	0	0	0	0	0	0	---	---	9
10	---	---	0.067B	0.014	0	0	0	0	0	0	---	---	10
11	---	---	0.061B	0.013	0	0	0	0	0	0	---	---	11
12	---	---	0.019B	0.007	0	0	0	0	0	0	---	---	12
13	---	---	0.024B	0.002	0	0	0	0	0	0	---	---	13
14	---	---	0.038B	0.003	0	0	0	0	0	0	---	---	14
15	---	---	0.063B	0.003	0	0	0	0	0	0	---	---	15
16	---	---	0.002	0.005	0	0	0	0	0	0	---	---	16
17	---	---	0.001	0.004	0	0	0	0	0	0	---	---	17
18	---	---	0.001	0.003	0	0	0	0	0	0	---	---	18
19	---	---	0.003	0.002	0	0	0	0	0	0	---	---	19
20	---	---	0.033	0.002	0	0	0	0	0	0	---	---	20
21	---	---	0.083	0.003	0	0	0	0	0	0	---	---	21
22	---	---	0.054	0.002	0	0	0	0	0	0	---	---	22
23	---	---	0.004	0.002	0	0	0	0	0	0	---	---	23
24	---	---	0.003	0.002	0	0	0	0	0	0	---	---	24
25	---	0 B	0.002	0.002	0	0	0	0	0	0	---	---	25
26	---	0.005B	0.002	0.002	0	0	0	0	0	0	---	---	26
27	---	0.015B	0.005B	0.002	0	0	0	0	0	0	---	---	27
28	---	0.035B	0.008B	0.001	0	0	0	0	0	0	---	---	28
29	---	0.050B	0.013B	0.001	0	0	0	0	0	0	---	---	29
30	---		0.028B	0.001	0	0	0	0	0	0	---	---	30
31	---		0.022B		0		0	0		0		---	31
TOTAL	---	---	0.888	0.303	0.004	0	0	0	0	0	---	---	TOTAL
MEAN	---	---	0.028	0.010	0	0	0	0	0	0	---	---	MEAN
MAX	---	---	0.083	0.041	0.001	0	0	0	0	0	---	---	MAX
MIN	---	---	0.001	0.001	0	0	0	0	0	0	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.005
MAXIMUM DAILY, 0.083 ON MAR 21
MINIMUM DAILY, 0 ON MAY 5
MAXIMUM INSTANTANEOUS,
0.199B AT 09:26 CST ON MAR 15

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 42 32 N
LONG 108 07 31 W
DRAINAGE AREA, 454 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	0
FEB	---	AUG	0
MAR	76.1	SEP	0
APR	26.2	OCT	0
MAY	0.35	NOV	---
JUN	0	DEC	---

TOTAL DISCHARGE, 102 dam³

REMARKS - A HIGHER PEAK FLOW MAY HAVE OCCURRED IN FEBRUARY, OUTSIDE THE STANDARD PERIOD

NOTUKEU CREEK NEAR VANGUARD - STATION NO. 05JB001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.005B	0.027	0.025	0.008	0.008	0	0	0	---	---	1
2	---	---	0.005B	0.039	0.028	0.008	0.002	0.001	0	0	---	---	2
3	---	---	0.005B	0.045	0.025	0.006	0	0.002	0	0	---	---	3
4	---	---	0.005B	0.047	0.024	0.003	0	0.005	0	0	---	---	4
5	---	---	0.004B	0.057	0.024	0.002	0.004	0.004	0	0	---	---	5
6	---	---	0.005B	0.070	0.029	0.002	0.508	0.005	0	0	---	---	6
7	---	---	0.005B	0.080	0.037	0.002	0.806	0.007	0	0	---	---	7
8	---	---	0.005B	0.075	0.054	0.005	0.517	0.008	0	0	---	---	8
9	---	---	0.005B	0.072	0.057	0.010	0.379	0.008	0	0	---	---	9
10	---	---	0.005B	0.067	0.060	0.008	0.371	0.005	0	0	---	---	10
11	---	---	0.002B	0.071	0.058	0.005	0.255	0.002	0	0	---	---	11
12	---	---	0.002B	0.066	0.059	0.002	0.125	0.001	0	0	---	---	12
13	---	---	0.002B	0.067	0.060	0.015	0.048	0.001	0	0	---	---	13
14	---	---	0.002B	0.072	0.064	0.030	0.022	0	0	0	---	---	14
15	---	---	0.002B	0.056	0.058	0.028	0.013	0	0	0	---	---	15
16	---	---	0.002B	0.022	0.057	0.029	0.009	0	0	0	---	---	16
17	---	---	0.002B	0.008	0.056	0.026	0.005	0	0	0	---	---	17
18	---	---	0.004B	0.007	0.052	0.028	0.008	0	0	0	---	---	18
19	---	---	0.014B	0.004A	0.050	0.020	0.006	0	0.001A	0	---	---	19
20	---	---	0.024B	0.002	0.050	0.021	0.003	0	0.101	0	---	---	20
21	---	---	0.037B	0.002	0.043	0.019	0.002	0	0.040	0	---	---	21
22	---	---	0.035B	0.003	0.033	0.019	0.001	0	0.020A	0	---	---	22
23	---	0.005B	0.021B	0.004	0.023	0.019	0	0	0.010	0	---	---	23
24	---	0.005B	0.022B	0.005	0.017	0.018	0	0	0.008	0	---	---	24
25	---	0.005B	0.027B	0.006	0.015	0.008	0	0	0.004	0	---	---	25
26	---	0.005B	0.028B	0.007	0.015	0.007	0	0	0.002	0	---	---	26
27	---	0.005B	0.033B	0.011	0.014	0.004	0	0	0.001	0	---	---	27
28	---	0.005B	0.018	0.014	0.015	0.002	0	0	0	0	---	---	28
29	---	0.005B	0.019	0.021	0.008	0.004	0	0	0	0	---	---	29
30	---		0.022	0.025	0.008	0.010	0	0	0	0	---	---	30
31	---		0.024		0.011		0	0		0		---	31
TOTAL	---	---	0.395	1.063	1.130	0.370	3.081	0.050	0.187	0	---	---	TOTAL
MEAN	---	---	0.013	0.035	0.036	0.012	0.100	0.002	0.006	0	---	---	MEAN
MAX	---	---	0.037	0.080	0.064	0.030	0.806	0.008	0.101	0	---	---	MAX
MIN	---	---	0.002	0.002	0.008	0.002	0	0	0	0	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.025
MAXIMUM DAILY, 0.806 ON JUL 7
MINIMUM DAILY, 0 ON JUL 3
MAXIMUM INSTANTANEOUS,
0.821 AT 10:37 CST ON JUL 7

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 55 03 N
LONG 107 11 08 W
DRAINAGE AREA, 3 540 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	267
FEB	---	AUG	4.32
MAR	34.2	SEP	16.2
APR	91.8	OCT	0
MAY	97.6	NOV	---
JUN	32.0	DEC	---

TOTAL DISCHARGE, 543 dam³

OPUNTIA LAKE WEST INFLOW - STATION NO. 05GC007

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0	0.081	0	0	0	0	0	0	---	---	1
2	---	---	0	0.001	0	0	0	0	0	0	---	---	2
3	---	---	0	0.001	0	0	0	0	0	0	---	---	3
4	---	---	0	0.001	0	0	0	0	0	0	---	---	4
5	---	---	0	0	0	0	0	0	0	0	---	---	5
6	---	---	0	0	0	0.003	0	0	0	0	---	---	6
7	---	---	0	0	0	0.001	0	0	0	0	---	---	7
8	---	---	0	0	0	0	0	0	0	0	---	---	8
9	---	---	0	0	0	0.003	0	0	0	0	---	---	9
10	---	---	0	0	0	0.005	0	0	0	0	---	---	10
11	---	---	0	0	0	0.008	0	0	0	0	---	---	11
12	---	---	0	0	0	0.008	0	0	0	0	---	---	12
13	---	---	0	0	0	0.006	0	0	0	0	---	---	13
14	---	---	0	0	0	0.007	0	0	0	0.001	---	---	14
15	---	---	0	0	0	0.005	0	0	0	0.003	---	---	15
16	---	---	0	0	0	0.004	0	0	0	0.002	---	---	16
17	---	---	0	0	0	0.001	0	0	0	0.002	---	---	17
18	---	---	0	0	0	0.001	0	0	0	0.001	---	---	18
19	---	---	0	0	0	0.001	0	0	0	0.001	---	---	19
20	---	---	0	0	0	0.003	0	0	0	0	---	---	20
21	---	---	0	0	0	0	0	0	0	0	---	---	21
22	---	---	0.001	0	0	0	0	0	0	0	---	---	22
23	---	---	0	0	0	0	0	0	0	0	---	---	23
24	---	---	0	0	0	0	0	0	0	0	---	---	24
25	---	---	0.001	0	0	0	0	0	0	0	---	---	25
26	---	---	0.002	0	0	0	0	0	0	0	---	---	26
27	---	---	0.006	0	0	0	0	0	0	0	---	---	27
28	---	---	0.053	0	0	0	0	0	0	0	---	---	28
29	---	---	0.064	0	0	0	0	0	0	0	---	---	29
30	---		0.084	0	0	0	0	0	0	0	---	---	30
31	---		0.132		0		0	0		0		---	31
TOTAL	---	---	0.356	0.084	0	0.053	0	0	0	0.008	---	---	TOTAL
MEAN	---	---	0.011	0.003	0	0.002	0	0	0	0	---	---	MEAN
MAX	---	---	0.132	0.081	0	0.007	0	0	0	0.003	---	---	MAX
MIN	---	---	0	0	0	0	0	0	0	0	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.002
MAXIMUM DAILY, 0.132 ON MAR 31
MINIMUM DAILY, 0 ON MAR 1
MAXIMUM INSTANTANEOUS,
0.170 AT 16:53 CST ON MAR 31

TYPE OF GAUGE - RECORDING
LOCATION - LAT 51 47 15 N
LONG 108 37 30 W
DRAINAGE AREA, 94.5 km²

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	0
FEB	---	AUG	0
MAR	30.7	SEP	0
APR	7.26	OCT	0.78
MAY	0	NOV	---
JUN	4.58	DEC	---

TOTAL DISCHARGE, 43.3 dam³

OSCAR CREEK NEAR KRYDOR - STATION NO. 05GD002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.041B	0.130B	0.015	0.053	0.003	0.001	0.023	0.021	---	---	1
2	---	---	0.041B	0.588B	0.015	0.055	0.003	0.008	0.021	0.019	---	---	2
3	---	---	0.040B	0.785B	0.015	0.042	0.003	0.009	0.018	0.018	---	---	3
4	---	---	0.040B	0.712B	0.015	0.038	0.003	0.001	0.015	0.017	---	---	4
5	---	---	0.039B	0.670B	0.015	0.025	0.003	0.001	0.012	0.017	---	---	5
6	---	---	0.039B	0.558B	0.015	0.020	0.004	0.001	0.010	0.016	---	---	6
7	---	---	0.038B	0.414B	0.018	0.017	0.017	0.001	0.007	0.015	---	---	7
8	---	---	0.038B	0.390B	0.023	0.010	0.021	0.001	0.006	0.016	---	---	8
9	---	---	0.037B	0.281B	0.067	0.012	0.017	0.001	0.004	0.015	---	---	9
10	---	---	0.036B	0.255B	0.052	0.010	0.010	0.001	0.003	0.015	---	---	10
11	---	---	0.036B	0.208B	0.032	0.008	0.008	0.002	0.003	0.015	---	---	11
12	---	---	0.035B	0.230B	0.028	0.008	0.003	0.001	0.002	0.014	---	---	12
13	---	---	0.034B	0.171B	0.023	0.005	0.006	0.001	0.002	0.014	---	---	13
14	---	---	0.034B	0.148B	0.028	0.004	0.005	0.001	0.002	0.014	---	---	14
15	---	---	0.034B	0.160B	0.037	0.003	0.005	0.001	0.002	0.014	---	---	15
16	---	---	0.033B	0.098B	0.034	0.003	0.004	0.001	0.002	0.014	---	---	16
17	---	---	0.033B	0.102B	0.080	0.003	0.003	0.001	0.003	0.013	---	---	17
18	---	---	0.033B	0.102	0.088	0.003	0.003	0.001	0.008	0.013	---	---	18
19	---	---	0.032B	0.101	0.049	0.003	0.002	0.048	0.014	0.013	---	---	19
20	---	---	0.032B	0.100	0.043	0.003	0.002	0.079	0.014	0.013	---	---	20
21	---	---	0.032B	0.056	0.032	0.003	0.001	0.105	0.015	0.013	---	---	21
22	---	---	0.034B	0.035	0.020	0.007	0.001	0.085	0.015	0.013	---	---	22
23	---	---	0.036B	0.029	0.018	0.008	0.001	0.059	0.015	0.012	---	---	23
24	---	---	0.035B	0.036	0.017	0.004	0.002	0.039	0.015	0.012	---	---	24
25	---	---	0.034B	0.043	0.017	0.003	0.002	0.048	0.015	0.012A	---	---	25
26	---	---	0.033B	0.104	0.016	0.003	0.001	0.042	0.016	0.012E	---	---	26
27	---	---	0.033B	0.038	0.015	0.003	0.001	0.037	0.015	0.012E	---	---	27
28	---	---	0.034B	0.026	0.013	0.003	0.001	0.034	0.020	0.012E	---	---	28
29	---	---	0.037B	0.019	0.012	0.003	0.001	0.031	0.025	0.011E	---	---	29
30	---		0.039B	0.018	0.017	0.004	0.001	0.028	0.022	0.011E	---	---	30
31	---		0.045B		0.012		0.001	0.028		0.011E		---	31
TOTAL	---	---	1.118	6.614	0.820	0.362	0.136	0.703	0.343	0.438	---	---	TOTAL
MEAN	---	---	0.036	0.220	0.026	0.012	0.004	0.023	0.011	0.014	---	---	MEAN
MAX	---	---	0.045	0.785	0.088	0.055	0.021	0.105	0.025	0.021	---	---	MAX
MIN	---	---	0.032	0.018	0.012	0.003	0.001	0.001	0.002	0.011	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.043
MAXIMUM DAILY, 0.785B ON APR 3
MINIMUM DAILY, 0.001 ON JUL 21
MAXIMUM INSTANTANEOUS,
1.16B AT 07:20 CST ON APR 5

TYPE OF GAUGE - RECORDING
LOCATION - LAT 52 46 27 N
LONG 107 07 41 W
DRAINAGE AREA, 240 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	11.8
FEB	---	AUG	60.7
MAR	96.6	SEP	29.6
APR	571	OCT	37.8
MAY	70.8	NOV	---
JUN	31.3	DEC	---

TOTAL DISCHARGE, 910 dam³

OTHERSIDE RIVER AT OUTLET OF MERCREDI LAKE - STATION NO. 07LE004

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	14.1	13.9	13.9	12.0	17.5	26.1	18.0	17.4	18.8	25.2	18.5	18.8	1
2	13.6	13.9	13.8	12.0	18.8	26.2	17.8	17.3	18.4	24.9	19.5	18.8	2
3	13.6	13.9	13.8	12.1	19.5	25.8	17.8	17.2	19.2	24.8	19.5	18.8	3
4	13.3	13.9	13.9	12.0	20.5	25.9	17.4	17.0	19.4	24.7	19.8	18.8	4
5	13.1	13.9	13.9	12.0	21.5	25.2	17.3	16.8	19.3	24.6	19.8	18.9	5
6	13.2	13.9	13.9	12.1	22.7	24.9	17.9	16.7	18.8	24.1	19.8	18.8	6
7	13.1	13.9	13.9	12.2	24.2	24.5	18.6	16.9	18.8	23.9	20.2	19.1	7
8	12.8	13.9	14.0	12.2	26.1	24.1	19.2	16.8	18.2	23.1	20.4	18.6	8
9	13.0	13.8	14.1	12.3	28.0	23.7	19.6	16.7	19.4	22.4	20.5	17.7	9
10	12.9	13.9	14.1	12.4	28.9	22.7	20.2	17.2	20.5	22.7	20.6	17.7	10
11	12.9	14.1	14.0	12.6	31.4	23.2	20.8	17.3	21.5	22.7	20.6	17.7	11
12	12.9	14.3	13.9	12.7	32.6	22.9	21.3	17.2	22.0	22.8	20.3	17.7	12
13	12.9	14.2	13.8	12.9	33.9	22.6	21.5	17.2	22.8	22.2	20.1	17.5	13
14	12.8	14.3	13.8	13.4	34.2	22.3	21.2	17.1	24.1	21.9	19.9	16.7	14
15	12.8	14.7	13.6	13.6	34.3	22.4	20.7	17.0	24.9	21.2	19.8	16.6	15
16	12.8	14.7	13.5	14.2	34.4	22.2	20.4	17.3	25.5	21.3	19.7	16.8	16
17	12.6	14.7	13.2	14.3	34.3	22.1	20.2	17.3	25.6	21.4	19.7	16.6	17
18	12.6	14.6	13.2	14.3	33.2	21.7	19.6	17.3	26.3	21.3	19.5	16.9	18
19	12.9	14.3	13.2	14.3	33.1	20.7	19.8	17.5	26.5	21.2	18.9	16.6	19
20	13.2	14.6	13.1	14.3	32.5	20.2	19.5	17.4	26.5	21.1	19.1	16.5	20
21	13.2	14.8	12.7	14.2	31.8	20.3	19.3	17.4	25.7	21.2	19.2	16.5	21
22	13.4	14.8	12.5	14.2	31.5	20.1	18.6	17.6	26.4	20.9	19.2	16.5	22
23	13.3	14.5	12.4	14.2	31.4	20.0	17.8	17.8	26.3	20.7	19.2	16.5	23
24	13.3	14.5	12.4	14.2	30.3	19.5	18.4	17.4	25.5	20.8	19.4	16.3	24
25	13.4	14.8	12.2	14.2	29.7	19.1	18.3	18.0	26.3	20.0	19.6	16.3	25
26	13.9	14.5	12.3	14.3	29.4	18.9	17.8	18.6	26.5	19.6	19.4	16.2	26
27	13.9	14.3	12.1	14.5	28.8	18.7	17.4	18.2	26.4	19.5	19.6	16.2	27
28	13.8	14.0	12.1	15.0	28.4	18.6	17.3	18.4	26.1	19.4	19.6	16.1	28
29	13.9	13.8	12.1	15.5	28.1	18.4	17.3	18.6	25.0	19.5	19.5	15.6	29
30	13.8		12.1	16.3	27.5	18.5	17.1	18.8	25.3	19.7	18.3	15.7	30
31	13.9		12.1		26.7		17.2	19.9		19.6		15.9	31
TOTAL	411.8	412.7	408.8	404.7	886.4	661.2	585.4	546.7	699.3	677.8	588.8	532.8	TOTAL
MEAN	13.3	14.2	13.2	13.5	28.6	22.0	18.9	17.6	23.3	21.9	19.6	17.2	MEAN
MAX	14.1	14.7	14.1	16.3	34.4	26.2	21.5	19.9	26.7	25.2	20.6	19.1	MAX
MIN	12.6	13.8	12.1	12.0	17.5	18.4	17.1	16.6	18.2	19.4	18.3	15.6	MIN

SUMMARY FOR THE YEAR 1988

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 18.6
MAXIMUM DAILY, 34.4 ON MAY 16
MINIMUM DAILY, 12.0 ON APR 1
MAXIMUM INSTANTANEOUS,
34.6 AT 11:47 CST ON MAY 17

TYPE OF GAUGE - RECORDING
LOCATION - LAT 58 55 40 N
LONG 107 28 30 W
DRAINAGE AREA, 2 700 km²

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	35 600	JUL	50 600
FEB	35 700	AUG	47 200
MAR	35 400	SEP	60 400
APR	35 000	OCT	58 600
MAY	76 600	NOV	50 700
JUN	57 100	DEC	46 000

TOTAL DISCHARGE, 588 000 dam³

OVERFLOWING RIVER NEAR HUDSON BAY - STATION NO. 05LD003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.121B	0.198B	7.13	1.88	0.157	0.129	0.837	1.42	0.320B	---	1
2	---	---	0.078B	1.57 B	10.6	1.57	0.128	0.110	0.827	1.38	---	---	2
3	---	---	0.059B	3.64 B	11.5	1.40	0.141	0.122	0.861	1.31	---	---	3
4	---	---	0.080B	4.47 B	10.9	1.21	0.163	0.147	0.763	1.28	---	---	4
5	---	---	0.130B	4.28 B	8.82	1.08	0.128	0.092	0.706	1.26	---	---	5
6	---	---	0.088B	3.93 B	8.89	0.838	0.148	0.088	0.618	1.20	---	---	6
7	---	---	0.088B	3.86 B	8.21	0.765	0.155	0.069	0.538	1.12	---	---	7
8	---	---	0.076B	3.33 B	7.73	0.671	0.111	0.073	0.528	1.07	---	---	8
9	---	---	0.067B	3.88 B	7.24	0.578	0.098	0.060	0.545	0.959	---	---	9
10	---	---	0.058B	3.36 B	6.59	0.485	0.070	0.048	0.583	0.921	---	---	10
11	---	---	0.049B	2.37 B	6.07	0.418	0.039	0.058	0.738	0.867	---	---	11
12	---	---	0.040B	2.15 B	5.54	0.383	0.032	0.030	0.833	0.842	---	---	12
13	---	---	0.031B	2.51 B	5.05	0.327	0.283	0.017	0.824	0.829	---	---	13
14	---	---	0.021B	2.80 B	4.80	0.261	0.837	0.008	0.757	0.782	---	---	14
15	---	---	0.025B	2.17 B	4.28	0.252	1.17	0.007	0.887	0.773	---	---	15
16	---	---	0.024B	1.88 B	3.94	0.202	1.27	0.001	0.826	0.711	---	---	16
17	---	---	0.015B	2.17 B	3.68	0.187	1.39	0	0.618	0.704	---	---	17
18	---	---	0.014B	2.88 B	3.43	0.182	1.37	0	1.14	0.664	---	---	18
19	---	---	0.014B	2.96 B	3.18	0.151	1.33	0.004	1.17	0.622	---	---	19
20	---	---	0.014B	2.95	2.83	0.137	1.17	0.021	1.27	0.595	---	---	20
21	---	---	0.039B	2.72	2.74	0.057	1.00	0.084	1.20	0.583	---	---	21
22	---	---	0.033B	2.38	2.57	0.041	0.886	0.348	1.08	0.588	---	---	22
23	---	---	0.099B	2.06	2.38	0.053	0.704	0.818	1.06	0.570	---	---	23
24	---	---	0.068B	1.83	2.11	0.076	0.585	1.16	1.08	0.564	---	---	24
25	---	---	0.328B	1.84	2.08	0.114	0.518	1.15	0.980	0.528	---	---	25
26	---	---	0.139B	1.85	2.10	0.083	0.442	1.20	1.15	0.485	---	---	26
27	---	---	0.171B	1.75	2.17	0.088	0.376	1.28	1.31	0.464	---	---	27
28	---	---	0.223B	2.13	2.13	0.105	0.314	1.28	1.34	0.442	---	---	28
29	---	---	0.225B	2.77	2.05	0.120	0.262	1.27	1.46	0.438	---	---	29
30	---		0.134B	3.86	1.90	0.136	0.182	1.14	1.47	0.387	---	---	30
31	---		0.055B		1.82		0.147	1.02		0.353		---	31
TOTAL	---	---	2.617	80.186	155.74	13.732	15.578	11.918	28.028	24.357	---	---	TOTAL
MEAN	---	---	0.084	2.67	5.02	0.458	0.503	0.384	0.934	0.785	---	---	MEAN
MAX	---	---	0.328	4.47	11.5	1.88	1.39	1.28	1.47	1.42	---	---	MAX
MIN	---	---	0.014	0.198	1.82	0.041	0.032	0	0.528	0.353	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.38
MAXIMUM DAILY, 11.5 ON MAY 3
MINIMUM DAILY, 0 ON AUG 17
MAXIMUM INSTANTANEOUS,
11.9 AT 22:56 CST ON MAY 2

TYPE OF GAUGE - RECORDING
LOCATION - LAT 53 01 51 N
LONG 102 16 58 W
DRAINAGE AREA, 350 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	1 350
FEB	---	AUG	1 030
MAR	226	SEP	2 420
APR	6 930	OCT	2 130
MAY	13 500	NOV	---
JUN	1 190	DEC	---

TOTAL DISCHARGE, 28 800 dam³

PAGATO RIVER AT OUTLET OF PAGATO LAKE - STATION NO. 06EA007

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0B	0B	0B	0 B	6.83	6.42	4.72	2.93	1.91	1.88	1.63	1.96	1
2	0B	0B	0B	0 B	7.19	6.38	4.70	2.84	1.91	2.02	1.71	2.00	2
3	0B	0B	0B	0 B	7.56	6.40	4.72	2.72	1.91	1.92	1.75	1.99	3
4	0B	0B	0B	0 B	7.83	6.36	4.72	2.63	1.88	1.84	1.75	1.99	4
5	0B	0B	0B	0 B	7.95	6.47	4.76	2.60	1.78	1.84	1.74	2.01	5
6	0B	0B	0B	0 B	8.07	6.51	4.66	2.57	1.72	1.85	1.76	2.00B	6
7	0B	0B	0B	0 B	8.21	6.30	4.61	2.56	1.70	1.83	1.84	2.01B	7
8	0B	0B	0B	0 B	8.28	6.09	4.65	2.51	1.80	1.83	1.88	1.95	8
9	0B	0B	0B	0 B	8.51	5.99	4.75	2.47	1.83	1.88	1.87	1.92	9
10	0B	0B	0B	0 B	8.44	5.96	4.58	2.44	1.85	1.83	1.88	1.98	10
11	0B	0B	0B	0 B	8.38	6.03	4.50	2.37	1.86	1.76	1.88	1.88	11
12	0B	0B	0B	0.001B	8.35	6.16	4.45	2.29	1.88	1.73	1.91	1.97	12
13	0B	0B	0B	0.003B	8.19	6.12	4.38	2.22	1.88	1.74	1.92	1.96	13
14	0B	0B	0B	0.010B	8.08	6.06	4.23	2.15	1.86	1.73	1.92	1.93	14
15	0B	0B	0B	0.020B	7.86	5.94	4.16	2.11	1.88	1.73	1.94	1.92	15
16	0B	0B	0B	0.150B	7.73	5.81	4.13	2.08	2.04	1.73	1.95	1.97	16
17	0B	0B	0B	0.700B	7.60	5.81	4.11	1.97	2.05	1.73	1.95	1.98	17
18	0B	0B	0B	4.09 B	7.52	5.88	4.07	1.91	1.97	1.73	1.98	2.02	18
19	0B	0B	0B	5.89 B	7.41	5.85	4.07	1.86	1.98	1.88	1.98	2.03	19
20	0B	0B	0B	6.37 B	7.29	5.70	3.95	1.81	1.95	1.83	1.98	2.04	20
21	0B	0B	0B	6.94 B	7.22	5.72	3.86	1.88	1.93	1.72	1.98	2.05	21
22	0B	0B	0B	6.71 B	7.15	5.52	3.75	2.12	2.01	1.63	1.97	2.08	22
23	0B	0B	0B	6.61 B	6.92	5.39	3.66	2.16	2.01	1.74	1.97	2.04	23
24	0B	0B	0B	6.06 B	6.87	5.37	3.56	2.16	2.00	1.73	2.02	2.03	24
25	0B	0B	0B	5.82 B	6.75	5.32	3.46	2.14	1.98	1.60	2.01	1.99	25
26	0B	0B	0B	5.54 B	6.66	5.25	3.36	2.22	1.98	1.53	1.98	1.98	26
27	0B	0B	0B	5.07 B	6.55	5.15	3.27	2.15	1.94	0.893	1.98	1.98	27
28	0B	0B	0B	5.21 B	6.56	5.03	3.20	1.99	1.95	0.885	1.98	1.97	28
29	0B	0B	0B	5.10	6.60	4.88	3.10	1.95	1.95	1.44	1.97	1.98	29
30	0B		0B	5.16	6.51	4.73	2.97	1.88	1.99	1.51	1.95	1.96	30
31	0B		0B		6.43		2.81	1.85		1.56		1.98	31
TOTAL	0	0	0	78.744	231.12	174.66	126.04	69.73	58.05	52.188	56.96	61.40	TOTAL
MEAN	0	0	0	2.62	7.46	5.82	4.07	2.25	1.94	1.68	1.90	1.98	MEAN
MAX	0	0	0	6.94	8.51	6.51	4.76	2.93	2.05	2.02	2.02	2.08	MAX
MIN	0	0	0	0	6.43	4.73	2.81	1.81	1.70	0.885	1.63	1.88	MIN

SUMMARY FOR THE YEAR 1988

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 2.46
MAXIMUM DAILY, 8.51 ON MAY 9
MINIMUM DAILY, 0B ON JAN 1
MAXIMUM INSTANTANEOUS,
8.52 AT 06:04 CST ON MAY 9

TYPE OF GAUGE - RECORDING
LOCATION - LAT 56 05 40 N
LONG 102 30 30 W
DRAINAGE AREA, 881 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	0	JUL	10 900
FEB	0	AUG	6 020
MAR	0	SEP	5 020
APR	6 800	OCT	4 510
MAY	20 000	NOV	4 910
JUN	15 100	DEC	5 300

TOTAL DISCHARGE, 78 600 dam³

PASQUIA RIVER AT HIGHWAY NO. 9 - STATION NO. 05KJ014

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.086B	0.072B	5.90	0.789	0.061	0.023	0.362	0.549	0.142B	---	1
2	---	---	0.085B	0.074B	4.83	0.705	0.046	0.030	0.349	0.502	---	---	2
3	---	---	0.085B	0.080B	4.38	0.634	0.042	0.039	0.321	0.462	---	---	3
4	---	---	0.084B	0.098B	4.52	0.544	0.036	0.040	0.277	0.430	---	---	4
5	---	---	0.084B	0.102B	4.66	0.497	0.031	0.036	0.250	0.398	---	---	5
6	---	---	0.083B	0.099B	4.94	0.448	0.032	0.034	0.215	0.373	---	---	6
7	---	---	0.083B	0.095B	5.08	0.398	0.044	0.015	0.195	0.365	---	---	7
8	---	---	0.082B	0.091B	5.22	0.348	0.030	0.004	0.252	0.335	---	---	8
9	---	---	0.082B	0.090B	5.57	0.316	0.030	0.002	0.664	0.312	---	---	9
10	---	---	0.081B	0.089B	5.09	0.287	0.022	0.001	0.956	0.300	---	---	10
11	---	---	0.081B	0.120B	4.28	0.252	0.025	0.001	0.784	0.284	---	---	11
12	---	---	0.080B	0.172B	3.82	0.227	0.018	0.001	0.692	0.274	---	---	12
13	---	---	0.080B	0.177	3.47	0.189	0.113	0.001	0.603	0.267	---	---	13
14	---	---	0.079B	0.185	3.31	0.179	0.277	0.001	0.516	0.258	---	---	14
15	---	---	0.078B	0.203	3.10	0.166	0.346	0.001	0.431	0.257	---	---	15
16	---	---	0.078B	0.266	2.71	0.134	0.371	0.001	0.375	0.248	---	---	16
17	---	---	0.078B	0.431	2.43	0.108	0.382	0.001	0.362	0.244	---	---	17
18	---	---	0.077B	0.411	2.15	0.097	0.320	0.001	0.515	0.234	---	---	18
19	---	---	0.077B	0.322	1.94	0.078	0.260	0.002	0.484	0.231	---	---	19
20	---	---	0.076B	0.275	1.79	0.061	0.237	0.008	0.441	0.236	---	---	20
21	---	---	0.076B	0.268	1.63	0.051	0.187	0.203	0.386	0.235	---	---	21
22	---	---	0.075B	0.271	1.46	0.040	0.151	0.742	0.374	0.235	---	---	22
23	---	---	0.075B	0.266	1.32	0.063	0.115	0.709	0.386	0.231	---	---	23
24	---	---	0.074B	0.257	1.17	0.105	0.080	0.833	0.423	0.212B	---	---	24
25	---	---	0.074B	0.248	1.28	0.134	0.074	0.818	0.411	0.172B	---	---	25
26	---	---	0.073B	0.244	1.40	0.118	0.057	0.844	0.448	0.139B	---	---	26
27	---	---	0.073B	0.272	1.25	0.089	0.045	0.852	0.475	0.149B	---	---	27
28	---	---	0.072B	0.266	1.14	0.089	0.082	0.726	0.518	0.146B	---	---	28
29	---	---	0.072B	0.387	1.02	0.081	0.058	0.623	0.583	0.131B	---	---	29
30	---		0.071B	2.33	0.917	0.080	0.054	0.523	0.590	0.121B	---	---	30
31	---		0.071B		0.847		0.034	0.428		0.136B		---	31
TOTAL	---	---	2.426	8.277	92.604	7.278	3.720	6.743	13.742	8.467	---	---	TOTAL
MEAN	---	---	0.078	0.276	2.99	0.243	0.120	0.218	0.458	0.273	---	---	MEAN
MAX	---	---	0.086	2.33	5.90	0.789	0.382	0.852	0.956	0.549	---	---	MAX
MIN	---	---	0.071	0.072	0.847	0.040	0.018	0.001	0.195	0.121	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.585
MAXIMUM DAILY, 5.90 ON MAY 1
MINIMUM DAILY, 0.001 ON AUG 10
MAXIMUM INSTANTANEOUS,
6.50 AT 16:41 CST ON MAY 1

TYPE OF GAUGE - RECORDING
LOCATION - LAT 53 15 20 N
LONG 102 06 15 W
DRAINAGE AREA, 74.3 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	321
FEB	---	AUG	583
MAR	210	SEP	1 190
APR	715	OCT	731
MAY	8 000	NOV	---
JUN	629	DEC	---

TOTAL DISCHARGE, 12 400 dam³

PELICAN LAKE AT PELICAN NARROWS - STATION NO. 06KG008

DAILY WATER LEVEL IN METRES FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	---	---	---	---	---	---	---	---	1
2	---	---	---	---	---	---	---	---	---	---	---	---	2
3	---	---	---	---	---	---	---	313.435	---	---	313.287	---	3
4	---	---	---	---	---	---	---	---	---	---	---	---	4
5	---	---	---	---	---	---	---	---	---	---	---	---	5
6	---	---	---	---	---	---	---	---	---	---	---	---	6
7	---	---	---	---	---	---	---	---	---	---	---	---	7
8	---	---	---	---	---	---	---	---	---	---	---	---	8
9	---	---	---	---	---	---	---	---	---	---	---	---	9
10	---	---	---	---	---	---	---	---	---	---	---	---	10
11	---	---	---	---	---	---	---	---	---	---	---	---	11
12	---	---	---	---	---	---	---	---	---	---	---	---	12
13	---	---	---	---	---	---	---	---	---	---	---	---	13
14	---	---	---	---	---	---	---	---	---	---	---	---	14
15	---	---	---	---	---	---	---	---	---	---	---	---	15
16	---	---	---	---	---	---	---	---	---	---	---	---	16
17	---	---	---	---	---	---	---	---	---	---	---	---	17
18	---	---	---	---	---	---	---	---	---	---	---	---	18
19	---	---	---	---	---	---	---	---	---	---	---	---	19
20	---	---	---	---	---	---	---	---	---	---	---	---	20
21	---	---	---	---	---	---	---	---	---	---	---	---	21
22	---	---	---	---	---	---	---	---	---	---	---	---	22
23	---	---	---	---	---	---	---	---	---	---	---	---	23
24	---	---	---	---	---	---	---	---	---	---	---	---	24
25	---	---	---	---	---	---	---	---	---	---	---	---	25
26	---	---	---	---	312.466	---	---	---	---	---	---	---	26
27	---	---	---	---	---	---	---	---	---	---	---	---	27
28	---	---	---	---	---	---	---	---	---	---	---	---	28
29	---	---	---	---	---	---	---	---	---	---	---	---	29
30	---		---	---	---	---	---	---	---	---	---	---	30
31	---		---		---		---	---		---		---	31
MEAN	---	---	---	---	---	---	---	---	---	---	---	---	MEAN
MAX	---	---	---	---	---	---	---	---	---	---	---	---	MAX
MIN	---	---	---	---	---	---	---	---	---	---	---	---	MIN

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - MANUAL
LOCATION - LAT 55 09 57 N
LONG 102 56 26 W
DATA CONTRIBUTED BY -
SASKATCHEWAN WATER CORPORATION

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

PHEASANT CREEK NEAR ABERNETHY - STATION NO. 05JL005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0 B	0.003B	0	0	0	0	0	0	---	---	1
2	---	---	0 B	0.006	0	0	0	0	0	0	---	---	2
3	---	---	0 B	0.007	0	0	0	0	0	0	---	---	3
4	---	---	0 B	0.006	0	0	0	0	0	0	---	---	4
5	---	---	0 B	0.005	0.001	0	0	0	0	0	---	---	5
6	---	---	0 B	0.004	0.001	0	0	0	0	0	---	---	6
7	---	---	0 B	0.004	0.001	0	0	0	0	0	---	---	7
8	---	---	0 B	0.006	0.001	0	0	0	0	0	---	---	8
9	---	---	0.001B	0.004	0	0	0	0	0	0	---	---	9
10	---	---	0.002B	0.003	0	0	0	0	0	0	---	---	10
11	---	---	0.002B	0.003	0	0	0	0	0	0	---	---	11
12	---	---	0.002B	0.003	0	0	0	0	0	0	---	---	12
13	---	---	0.001B	0.002	0	0	0	0	0	0	---	---	13
14	---	---	0.001B	0.002	0.001	0	0	0	0	0	---	---	14
15	---	---	0.001B	0.002	0.005	0	0	0	0	0	---	---	15
16	---	---	0.002B	0.002	0.005	0	0	0	0	0	---	---	16
17	---	---	0.002B	0.002	0.001	0	0	0	0	0	---	---	17
18	---	---	0.001B	0.002	0.001	0	0	0	0	0	---	---	18
19	---	---	0.002B	0	0.001	0	0	0	0	0	---	---	19
20	---	---	0.002B	0	0.001	0	0	0	0	0	---	---	20
21	---	---	0.002B	0	0.001	0	0	0	0	0	---	---	21
22	---	---	0.002B	0	0	0	0	0	0	0	---	---	22
23	---	---	0.004B	0	0	0	0	0	0	0	---	---	23
24	---	---	0.005B	0	0	0	0	0	0	0	---	---	24
25	---	---	0.004B	0	0	0	0	0	0	0	---	---	25
26	---	---	0.005B	0	0	0	0	0	0	0	---	---	26
27	---	---	0.004B	0	0	0	0	0	0	0	---	---	27
28	---	---	0.004B	0	0	0	0	0	0	0	---	---	28
29	---	---	0.003B	0	0	0	0	0	0	0	---	---	29
30	---		0.003B	0	0	0	0	0	0	0	---	---	30
31	---		0.002B		0		0	0		0		---	31
TOTAL	---	---	0.058	0.066	0.020	0	0	0	0	0	---	---	TOTAL
MEAN	---	---	0.002	0.002	0.001	0	0	0	0	0	---	---	MEAN
MAX	---	---	0.005	0.007	0.005	0	0	0	0	0	---	---	MAX
MIN	---	---	0	0	0	0	0	0	0	0	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.001
MAXIMUM DAILY, 0.007 ON APR 3
MINIMUM DAILY, 0B ON MAR 1
MAXIMUM INSTANTANEOUS,
0.020 AT 22:00 CST ON MAY 15

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 44 00 N
LONG 103 15 41 W
DRAINAGE AREA, 1 160 km^2

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	0
FEB	---	AUG	0
MAR	5.01	SEP	0
APR	5.70	OCT	0
MAY	1.73	NOV	---
JUN	0	DEC	---

TOTAL DISCHARGE, 12.4 dam^3

PIKE LAKE NEAR SASKATOON - STATION NO. 05HG003

DAILY WATER LEVEL IN METRES FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	---	---	---	---	---	---	---	---	1
2	---	---	---	---	---	---	---	---	---	---	---	---	2
3	---	---	---	---	---	---	---	---	---	---	---	---	3
4	---	---	---	---	---	---	---	---	---	---	---	---	4
5	---	---	---	---	---	---	---	---	---	---	---	---	5
6	---	---	---	---	---	---	---	---	---	---	---	---	6
7	---	---	---	---	---	---	---	---	---	---	---	---	7
8	---	---	---	---	---	---	---	---	---	---	---	---	8
9	---	---	---	---	---	---	---	---	---	---	---	---	9
10	---	---	---	---	---	---	---	---	---	---	---	---	10
11	---	---	---	---	---	---	---	---	---	---	---	---	11
12	---	---	---	---	---	---	---	---	---	---	---	---	12
13	---	---	---	---	---	---	---	---	---	---	---	---	13
14	---	---	---	---	---	---	---	---	---	---	---	---	14
15	---	---	---	---	---	---	---	---	---	---	---	---	15
16	---	---	---	---	---	---	---	---	---	---	---	---	16
17	---	---	---	---	---	---	---	---	---	---	---	---	17
18	---	---	---	---	---	---	---	---	---	---	---	---	18
19	---	---	---	---	---	---	---	---	---	---	---	---	19
20	---	---	---	---	---	---	---	---	---	---	---	---	20
21	---	---	---	---	---	---	---	---	---	---	---	---	21
22	---	---	---	---	---	---	---	---	---	---	---	---	22
23	---	---	---	---	---	---	---	---	---	---	---	---	23
24	---	---	---	---	---	---	---	---	---	---	---	---	24
25	---	---	---	---	---	---	---	---	---	---	---	---	25
26	---	---	---	---	461.566	---	---	---	---	---	---	---	26
27	---	---	---	461.616	---	---	---	---	---	---	---	---	27
28	---	---	---	---	---	---	---	---	---	---	---	---	28
29	---	---	---	---	---	---	---	---	---	---	---	---	29
30	---		---	---	---	---	---	---	---	---	---	---	30
31	---		---		---		---	---		---		---	31
MEAN	---	---	---	---	---	---	---	---	---	---	---	---	MEAN
MAX	---	---	---	---	---	---	---	---	---	---	---	---	MAX
MIN	---	---	---	---	---	---	---	---	---	---	---	---	MIN

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - MANUAL
LOCATION - LAT 51 53 20 N
LONG 106 48 30 W
DATA CONTRIBUTED BY -
SASKATCHEWAN WATER CORPORATION

REGULATED

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

PINTO CREEK NEAR WOODROW - STATION NO. 05JA004

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0B	0	0	0	0	0	0	0	---	---	1
2	---	---	0B	0	0	0	0	0	0	0	---	---	2
3	---	---	0B	0	0	0	0	0	0	0	---	---	3
4	---	---	0B	0	0	0	0	0	0	0	---	---	4
5	---	---	0B	0	0	0	0	0	0	0	---	---	5
6	---	---	0B	0	0	0	0	0	0	0	---	---	6
7	---	---	0B	0	0	0	0	0	0	0	---	---	7
8	---	---	0B	0	0	0	0	0	0	0	---	---	8
9	---	---	0B	0	0	0	0	0	0	0	---	---	9
10	---	---	0B	0	0	0	0	0	0	0	---	---	10
11	---	---	0B	0	0	0	0	0	0	0	---	---	11
12	---	---	0B	0	0	0	0	0	0	0	---	---	12
13	---	---	0B	0	0	0	0	0	0	0	---	---	13
14	---	---	0B	0	0	0	0	0	0	0	---	---	14
15	---	---	0B	0	0	0	0	0	0	0	---	---	15
16	---	---	0B	0	0	0	0	0	0	0	---	---	16
17	---	---	0B	0	0	0	0	0	0	0	---	---	17
18	---	---	0B	0	0	0	0	0	0	0	---	---	18
19	---	---	0B	0	0	0	0	0	0	0	---	---	19
20	---	---	0B	0	0	0	0	0	0	0	---	---	20
21	---	---	0	0	0	0	0	0	0	0	---	---	21
22	---	---	0	0	0	0	0	0	0	0	---	---	22
23	---	---	0	0	0	0	0	0	0	0	---	---	23
24	---	---	0	0	0	0	0	0	0	0	---	---	24
25	---	---	0	0	0	0	0	0	0	0	---	---	25
26	---	---	0	0	0	0	0	0	0	0	---	---	26
27	---	---	0	0	0	0	0	0	0	0	---	---	27
28	---	---	0	0	0	0	0	0	0	0	---	---	28
29	---	---	0	0	0	0	0	0	0	0	---	---	29
30	---		0	0	0	0	0	0	0	0	---	---	30
31	---		0		0		0	0		0		---	31
TOTAL	---	---	0	0	0	0	0	0	0	0	---	---	TOTAL
MEAN	---	---	0	0	0	0	0	0	0	0	---	---	MEAN
MAX	---	---	0	0	0	0	0	0	0	0	---	---	MAX
MIN	---	---	0	0	0	0	0	0	0	0	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0
MAXIMUM DAILY, 0B ON MAR 1
MINIMUM DAILY, 0B ON MAR 1
MAXIMUM INSTANTANEOUS,
0B AT 00:00 CST ON MAR 1

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 39 53 N
LONG 106 43 30 W
DRAINAGE AREA, 1 570 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	0
FEB	---	AUG	0
MAR	0	SEP	0
APR	0	OCT	0
MAY	0	NOV	---
JUN	0	DEC	---

TOTAL DISCHARGE, 0 dam³

PIPESTONE CREEK ABOVE MOOSOMIN RESERVOIR - STATION NO. 05NE003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0B	0 B	0.056	0.029	0	0	0	0E	0A	---	1
2	---	---	0B	0 B	0.070	0.041	0	0	0	0E	---	---	2
3	---	---	0B	0 B	0.023	0.052	0	0	0	0E	---	---	3
4	---	---	0B	0 B	0.030	0.068	0	0	0	0A	---	---	4
5	---	---	0B	0 B	0.615	0.075	0	0	0	0E	---	---	5
6	---	---	0B	0 B	0.433	0.063	0	0	0	0E	---	---	6
7	---	---	0B	0 B	0.386	0.055	0	0	0	0E	---	---	7
8	---	---	0B	0 B	0.327	0.043	0	0	0	0E	---	---	8
9	---	---	0B	0 B	0.478	0.038	0	0	0	0E	---	---	9
10	---	---	0B	0 B	0.508	0.035	0	0	0	0E	---	---	10
11	---	---	0B	0 B	0.427	0.019	0	0	0	0E	---	---	11
12	---	---	0B	0 B	0.389	0.012	0	0	0	0E	---	---	12
13	---	---	0B	0 B	0.287	0.004	0	0	0	0E	---	---	13
14	---	---	0B	0	0.282	0.013	0	0	0A	0E	---	---	14
15	---	---	0B	0	0.343	0.019	0	0	0E	0E	---	---	15
16	---	---	0B	0	0.303	0.022	0	0	0E	0E	---	---	16
17	---	---	0B	0	0.366	0.018	0	0	0E	0E	---	---	17
18	---	---	0B	0	0.372	0.005	0	0	0E	0E	---	---	18
19	---	---	0B	0	0.289	0.001	0	0	0E	0E	---	---	19
20	---	---	0B	0	0.221	0	0	0	0E	0E	---	---	20
21	---	---	0B	0	0.184	0	0	0	0E	0E	---	---	21
22	---	---	0B	0	0.128	0	0	0	0E	0E	---	---	22
23	---	---	0B	0.003	0.083	0	0	0	0E	0E	---	---	23
24	---	---	0B	0.003	0.038	0	0	0	0E	0E	---	---	24
25	---	---	0B	0.002	0.063	0	0	0	0E	0E	---	---	25
26	---	---	0B	0.006	0.071	0	0	0	0E	0E	---	---	26
27	---	---	0B	0.005	0.011	0	0	0	0E	0E	---	---	27
28	---	---	0B	0.014	0.008	0	0	0	0E	0E	---	---	28
29	---	---	0B	0.026	0.030	0	0	0	0E	0E	---	---	29
30	---		0B	0.027	0.034	0	0	0	0E	0E	---	---	30
31	---		0B		0.026		0	0		0E		---	31
TOTAL	---	---	0	0.085	6.874	0.615	0	0	0	0	---	---	TOTAL
MEAN	---	---	0	0.003	0.222	0.021	0	0	0	0	---	---	MEAN
MAX	---	---	0	0.027	0.615	0.075	0	0	0	0	---	---	MAX
MIN	---	---	0	0	0.008	0	0	0	0	0	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.021
MAXIMUM DAILY, 0.615 ON MAY 5
MINIMUM DAILY, 0B ON MAR 1
MAXIMUM INSTANTANEOUS,
0.673 AT 07:55 CST ON MAY 5

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 09 07 N
LONG 101 50 06 W
DRAINAGE AREA, 2 730 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	0
FEB	---	AUG	0
MAR	0	SEP	0
APR	7.34	OCT	0
MAY	594	NOV	---
JUN	53.1	DEC	---

TOTAL DISCHARGE, 654 dam³

PIPESTONE CREEK NEAR MOOSOMIN - STATION NO. 05NE001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.030B	0.137	0.035	0	0.005	0.003	0.008	0.371	0.010A	---	1
2	---	---	0.040B	0.180	0.031	0	0.005	0.005	0.008	0.373	---	---	2
3	---	---	0.080B	0.175	0.022	0	0.005	0.005	0.007	0.370	---	---	3
4	---	---	0.090B	0.252	0.015	0	0.003	0.004	0.007	0.388	---	---	4
5	---	---	0.130B	0.250	0.010	0	0.003	0.004	0.007	0.424	---	---	5
6	---	---	0.200B	0.217	0.011	0.020	0.008	0.003	0.007	0.423	---	---	6
7	---	---	0.180B	0.198	0.014	0.008	0.004	0.003	0.007	0.400	---	---	7
8	---	---	0.185B	0.188	0.009	0.004	0.002	0.003	0.008	0.081	---	---	8
9	---	---	0.137B	0.180	0.007	0.018	0.001	0.002	0.003	0.051	---	---	9
10	---	---	0.141B	0.133	0.005	0	0.001	0.004	0.005	0.042	---	---	10
11	---	---	0.186B	0.113	0.005	0	0.002	0.003	0.043	0.039	---	---	11
12	---	---	0.151B	0.105	0.007	0	0.004	0.004	0.409	0.038	---	---	12
13	---	---	0.128B	0.056	0.006	0	0.005	0.005	0.387	0.033	---	---	13
14	---	---	0.120B	0.020	0.007	0	0.004	0.007	0.352	0.035	---	---	14
15	---	---	0.114B	0.018	0.012	0	0.003	0.008	0.329	0.032	---	---	15
16	---	---	0.108B	0.018	0.012	0	0.002	0.008	0.332	0.028	---	---	16
17	---	---	0.097B	0.010	0.008	0	0.001	0.012	0.323	0.031	---	---	17
18	---	---	0.088B	0.004	0.009	0.023	0.001	0.010	0.371	0.028	---	---	18
19	---	---	0.101B	0.003	0.006	0.012	0.001	0.008	0.377	0.021	---	---	19
20	---	---	0.103B	0.002	0.005	0.038	0.002	0.009	0.306	0.028	---	---	20
21	---	---	0.088B	0.001	0.005	0.009	0.002	0.013	0.345	0.027	---	---	21
22	---	---	0.088B	0.001	0.005	0.004	0.002	0.013	0.349	0.029	---	---	22
23	---	0.005B	0.085B	0.002	0.003	0.004	0.001	0.010	0.318	0.028	---	---	23
24	---	0.005B	0.186B	0.003	0.003	0.001	0.001	0.008	0.333	0.030	---	---	24
25	---	0.008B	0.234B	0.005	0.002	0.001	0.002	0.007	0.337	0.029	---	---	25
26	---	0.005B	0.186B	0.004	0	0.003	0.001	0.003	0.328	0.029	---	---	26
27	---	0.005B	0.188B	0.005	0	0.004	0.001	0.002	0.343	0.033	---	---	27
28	---	0.005B	0.185B	0.004	0	0.002	0.004	0.005	0.325	0.030	---	---	28
29	---	0.020B	0.179B	0.004	0	0.001	0.002	0.005	0.353	0.024	---	---	29
30	---		0.156B	0.017	0	0.004	0.002	0.008	0.361	0.012	---	---	30
31	---		0.136B		0		0.002	0.009		0.011		---	31
TOTAL	---	---	4.074	2.284	0.258	0.154	0.083	0.188	6.675	3.535	---	---	TOTAL
MEAN	---	---	0.131	0.076	0.008	0.005	0.003	0.006	0.223	0.114	---	---	MEAN
MAX	---	---	0.234	0.252	0.035	0.038	0.008	0.013	0.409	0.424	---	---	MAX
MIN	---	---	0.030	0.001	0	0	0.001	0.002	0.003	0.011	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.070
MAXIMUM DAILY, 0.424 ON OCT 5
MINIMUM DAILY, 0 ON MAY 26
MAXIMUM INSTANTANEOUS,
0.458 AT 04:08 CST ON SEP 12

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 02 40 N
LONG 101 40 33 W
DRAINAGE AREA, 3 650 km^2
A - MANUAL GAUGE
B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	7.17
FEB	---	AUG	17.1
MAR	352	SEP	577
APR	197	OCT	305
MAY	22.4	NOV	---
JUN	13.3	DEC	---

TOTAL DISCHARGE, 1 490 dam^3

PIPESTONE CREEK NEAR ROSE VALLEY - STATION NO. 05LA004

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0B	0 B	0.863	0.287	0	0	0	0	0	---	1
2	---	---	0B	0.088B	0.847	0.218	0	0	0	0	0A	---	2
3	---	---	0B	0.474B	0.822	0.183	0	0	0	0	---	---	3
4	---	---	0B	0.531B	0.878	0.125	0	0	0	0	---	---	4
5	---	---	0B	4.66 B	0.847	0.105	0	0	0	0	---	---	5
6	---	---	0B	11.1 B	0.833	0.088	0	0	0	0	---	---	6
7	---	---	0B	18.1	0.842	0.083	0	0	0	0	---	---	7
8	---	---	0B	16.8	0.830	0.046	0	0	0	0	---	---	8
9	---	---	0B	18.6 A	0.483	0.023	0	0	0	0	---	---	9
10	---	---	0B	25.9 E	0.460	0.023	0	0	0	0	---	---	10
11	---	---	0B	23.3 A	0.381	0.020	0	0	0	0	---	---	11
12	---	---	0B	20.3	0.348	0.013	0	0	0	0	---	---	12
13	---	---	0B	17.7	0.283	0.008	0	0	0	0	---	---	13
14	---	---	0B	15.7	0.228	0.008	0	0	0	0	---	---	14
15	---	---	0B	13.5	0.250	0.007	0	0	0	0	---	---	15
16	---	---	0B	10.4	0.873	0.005	0	0	0	0	---	---	16
17	---	---	0B	7.14	0.767	0.004	0	0	0	0	---	---	17
18	---	---	0B	5.33	0.643	0.003	0	0	0	0	---	---	18
19	---	---	0B	4.21 A	0.641	0.002	0	0	0	0	---	---	19
20	---	---	0B	3.32 A	0.466	0.001	0	0	0	0	---	---	20
21	---	---	0B	2.84	0.387	0.001	0	0	0	0	---	---	21
22	---	---	0B	2.11	0.350	0	0	0	0	0	---	---	22
23	---	---	0B	1.87	0.303	0	0	0	0	0	---	---	23
24	---	---	0B	1.47	0.288	0	0	0	0	0	---	---	24
25	---	---	0B	1.17 A	0.269	0	0	0	0	0	---	---	25
26	---	---	0B	0.982	0.237	0	0	0	0	0	---	---	26
27	---	---	0B	0.846	0.191	0	0	0	0	0	---	---	27
28	---	---	0B	0.777	0.146	0	0	0	0	0	---	---	28
29	---	0B	0B	0.738	0.106	0	0	0	0	0	---	---	29
30	---		0B	0.670	0.083	0	0	0	0	0	---	---	30
31	---		0B		0.333		0	0		0		---	31
TOTAL	---	---	0	229.317	13.139	1.232	0	0	0	0	---	---	TOTAL
MEAN	---	---	0	7.64	0.424	0.041	0	0	0	0	---	---	MEAN
MAX	---	---	0	25.9	0.873	0.287	0	0	0	0	---	---	MAX
MIN	---	---	0	0	0.083	0	0	0	0	0	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.995
MAXIMUM DAILY, 25.9E ON APR 10
MINIMUM DAILY, 0B ON MAR 1

TYPE OF GAUGE - RECORDING
LOCATION - LAT 52 17 21 N
LONG 103 40 20 W
DRAINAGE AREA, 643 km^2
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	0
FEB	---	AUG	0
MAR	0	SEP	0
APR	19 800	OCT	0
MAY	1 140	NOV	---
JUN	107	DEC	---

TOTAL DISCHARGE, 21 000 dam^3

PIPESTONE RIVER BELOW ROTARIU LAKE - STATION NO. 07LB003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.81	1.86	1.78	1.80	2.90	4.01	4.84	4.38	4.03	4.32	3.85	3.58	1
2	1.83	1.87	1.80	1.82	2.80	4.01	4.77	4.44	3.88	4.24	3.73	3.57	2
3	1.84	1.87	1.81	1.85	3.24	4.03	4.78	4.53	3.87	4.18	3.81	3.59	3
4	1.83	1.88	1.81	1.75	3.84	4.06	4.88	4.55	3.61	4.18	3.81	3.55	4
5	1.83	1.86	1.82	1.82	3.88	4.13	5.02	4.44	3.78	4.14	3.79	3.57	5
6	1.88	1.85	1.82	1.81	4.17	4.20	5.21	4.31	3.71	4.07	3.80	3.58	6
7	1.84	1.83	1.74	1.79	4.30	4.28	5.24	4.18	3.90	4.07	4.02	3.56	7
8	1.83	1.85	1.78	1.82	4.43	4.47	5.38	4.08	4.26	4.02	4.08	3.58	8
9	1.77	1.83	1.81	1.83	4.54	4.88	5.30	4.06	4.44	4.01	4.09	3.58	9
10	1.71	1.84	1.85	1.81	4.81	4.82	5.27	4.12	4.63	3.89	4.08	3.56	10
11	1.62	1.81	1.84	1.88	4.88	4.78	5.28	4.18	4.77	3.80	3.85	3.45	11
12	1.58	1.78	1.82	1.87	4.81	4.87	5.17	4.18	4.86	3.78	3.85	3.35	12
13	1.58	1.71	1.80	1.84	4.57	5.05	4.87	4.15	4.88	3.74	3.84	3.33	13
14	1.51	1.88	1.78	1.85	4.51	5.11	4.84	4.14	4.83	3.74	3.81	3.32	14
15	1.48	1.87	1.77	1.88	4.47	5.16	4.87	4.09	4.81	3.81	3.84	3.30	15
16	1.46	1.85	1.77	1.88	4.40	5.32	4.80	4.00	4.82	3.76	3.79	3.27	16
17	1.46	1.83	1.77	1.90	4.27	5.44	4.74	3.96	4.83	3.71	3.78	3.26	17
18	1.46	1.82	1.77	1.92	4.31	5.40	4.82	3.86	4.73	3.71	3.77	3.28	18
19	1.44	1.83	1.76	2.00	4.21	5.48	4.61	3.76	4.63	3.86	3.78	3.28	19
20	1.45	1.80	1.75	2.06	4.45	5.38	4.61	3.73	4.69	3.87	3.74	3.28	20
21	1.49	1.87	1.78	2.14	4.44	5.12	4.82	3.74	4.58	3.70	3.84	3.28	21
22	1.54	1.71	1.83	2.22	4.17	5.00	4.78	4.20	4.55	3.80	3.83	3.26	22
23	1.58	1.70	1.78	2.20	4.05	4.92	4.72	4.41	4.56	3.87	3.87	3.36	23
24	1.63	1.70	1.75	2.19	4.06	4.83	4.57	4.45	4.49	3.78	3.82	3.42	24
25	1.67	1.71	1.76	2.17	3.87	4.86	4.94	4.41	4.43	3.78	3.69	3.42	25
26	1.73	1.71	1.73	2.15	3.81	4.86	4.57	4.43	4.41	3.77	3.70	3.42	26
27	1.75	1.71	1.86	2.18	3.74	4.85	4.46	4.37	4.37	3.77	3.70	3.41	27
28	1.78	1.89	1.88	2.18	3.86	4.89	4.40	4.38	4.35	3.86	3.69	3.41	28
29	1.86	1.73	1.87	2.24	3.79	4.88	4.32	4.30	4.37	3.62	3.61	3.42	29
30	1.82		1.83	2.31	3.70	4.85	4.30	4.19	4.33	3.58	3.60	3.41	30
31	1.88		1.80		3.65		4.33	4.14		3.81		3.41	31
TOTAL	52.72	51.60	54.81	58.55	126.10	144.09	146.86	130.15	133.04	119.86	113.74	106.00	TOTAL
MEAN	1.70	1.78	1.77	1.95	4.07	4.80	4.82	4.20	4.43	3.86	3.79	3.42	MEAN
MAX	1.88	1.89	1.88	2.31	4.88	5.48	5.38	4.55	4.89	4.32	4.09	3.59	MAX
MIN	1.44	1.80	1.80	1.80	2.80	4.01	4.30	3.73	3.71	3.58	3.57	3.26	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 3.39
MAXIMUM DAILY, 5.48 ON JUN 19
MINIMUM DAILY, 1.44 ON JAN 19
MAXIMUM INSTANTANEOUS,
5.81 AT 19:01 CST ON JUN 19

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 58 14 15 N
LONG 108 07 45 W
DRAINAGE AREA, 984 km²

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	4 550	JUL	12 800
FEB	4 460	AUG	11 200
MAR	4 740	SEP	11 500
APR	5 060	OCT	10 300
MAY	10 900	NOV	9 830
JUN	12 400	DEC	9 160

TOTAL DISCHARGE, 107 000 dam³

POPLAR RIVER AT INTERNATIONAL BOUNDARY - STATION NO. 11AE008

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.113B	0.212	0.113	0.020	0.008	0	0	0.001	---	---	1
2	---	---	0.108B	0.282	0.125	0.014	0.003	0	0	0.001	---	---	2
3	---	---	0.102B	0.238	0.113	0.008	0.003	0	0	0.001	---	---	3
4	---	---	0.098B	0.265	0.112	0.005	0.001	0	0	0.001	---	---	4
5	---	---	0.099B	0.245	0.113	0.004	0.002	0	0	0.001	---	---	5
6	---	---	0.102B	0.224	0.105	0.004	0.003	0	0	0.001	---	---	6
7	---	---	0.106B	0.228	0.125	0.004	0.007	0	0	0.001	---	---	7
8	---	---	0.108B	0.244	0.190	0.005	0.002	0	0	0.001	---	---	8
9	---	---	0.102B	0.229	0.311	0.003	0.001	0	0	0.001	---	---	9
10	---	---	0.099B	0.195	0.368	0.003	0.001	0	0	0.001	---	---	10
11	---	---	0.093B	0.173	0.340	0.003	0.001	0	0	0.001	---	---	11
12	---	---	0.085B	0.187	0.311	0.003	0.001	0	0	0.001	---	---	12
13	---	---	0.079B	0.164	0.249	0.008	0.001	0	0	0.001	---	---	13
14	---	---	0.074B	0.147	0.232	0.007	0.001	0	0	0.001	---	---	14
15	---	---	0.074B	0.138	0.232	0.004	0	0	0	0.001	---	---	15
16	---	---	0.074B	0.138	0.216	0.003	0	0	0	0.001	---	---	16
17	---	---	0.074B	0.125	0.190	0.003	0.001	0	0	0.001	---	---	17
18	---	---	0.079B	0.113	0.178	0.003	0.001	0	0.001	0.001	---	---	18
19	---	---	0.085B	0.113	0.187	0.005	0.001	0	0.001	0.001	---	---	19
20	---	---	0.099B	0.113	0.160	0.004	0	0	0.001	0.002	---	---	20
21	---	---	0.113B	0.113	0.133	0.002	0.001	0	0.001	0.002	---	---	21
22	---	---	0.142B	0.105	0.118	0.001	0	0	0	0.001	---	---	22
23	---	---	0.170B	0.093	0.099	0.002	0	0	0	0.001	---	---	23
24	---	---	0.198B	0.093	0.088	0.002	0	0	0.001	0.001	---	---	24
25	---	---	0.213B	0.093	0.068	0.001	0	0	0.001	0.001	---	---	25
26	---	---	0.227B	0.093	0.057	0.001	0	0	0.001	0.001	---	---	26
27	---	---	0.241B	0.093	0.051	0.003	0	0	0	0.002	---	---	27
28	---	---	0.227B	0.093	0.051	0.002	0	0	0	0.001	---	---	28
29	---	---	0.221B	0.093	0.042	0.004	0	0	0.001	0.001	---	---	29
30	---		0.215B	0.105	0.031	0.008	0	0	0.001	0.001	---	---	30
31	---		0.212B		0.028		0	0		0.001		---	31
TOTAL	---	---	4.031	4.885	4.702	0.135	0.037	0	0.009	0.034	---	---	TOTAL
MEAN	---	---	0.130	0.156	0.152	0.005	0.001	0	0	0.001	---	---	MEAN
MAX	---	---	0.241	0.285	0.368	0.020	0.007	0	0.001	0.002	---	---	MAX
MIN	---	---	0.074	0.083	0.028	0.001	0	0	0	0.001	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.058
MAXIMUM DAILY, 0.368 ON MAY 10
MINIMUM DAILY, 0 ON JUL 15
MAXIMUM INSTANTANEOUS,
0.388 AT 00:01 CST ON MAY 10

SUMMARY FOR THE MONTHS MAR TO OCT

INTERNATIONAL GAUGING STATION
TYPE OF GAUGE - RECORDING
LOCATION - LAT 48 59 25 N
LONG 105 41 46 W
DRAINAGE AREA, 928 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	3.20
FEB	---	AUG	0
MAR	348	SEP	0.78
APR	405	OCT	2.94
MAY	406	NOV	---
JUN	11.7	DEC	---

TOTAL DISCHARGE, 1 180 dam³

PORCUPINE RIVER AT OUTLET OF GROVE LAKE - STATION NO. 07LC003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	37.3	25.9	24.3	25.2	26.8	158	126	123	89.0	73.0	63.5	61.7	1
2	36.7	25.9	24.3	25.2	27.0	167	124	122	87.8	72.9	63.2	61.3	2
3	36.3	25.8	24.5	25.3	27.2	173	124A	121	86.8	72.6	62.0	60.9	3
4	36.1	25.6	24.7	25.3	27.3	178	121	119	85.2	73.0	61.8	61.1	4
5	35.4	25.3	24.8	25.4	27.5	181	121	118	83.6	73.9	62.0	61.5	5
6	34.8	25.1	24.8	25.5	28.1	184	121	116	82.8	74.1	62.8	61.5	6
7	34.3	25.1	24.8	25.7	29.9	186	124	114	82.0	73.9	63.4	60.9	7
8	34.1	25.1	24.9	25.6	33.2	185	134	113	82.2	74.2	63.8	60.2	8
9	33.9	25.0	25.1	25.9	37.1	185	139	112	80.3	73.8	63.6	59.7	9
10	33.8	24.9	25.3	26.0	40.3	184	142	110	78.9	72.9	63.1A	59.6	10
11	33.4	24.9	25.7	26.1	43.0	184	144	108	78.5	71.9	62.8A	58.8	11
12	33.0	24.9	25.6	26.2	44.6	183A	146	107	77.9	71.5	62.4	58.5	12
13	32.7	24.8	25.6	26.0	46.6	181A	147	106	78.0	71.3	62.4	58.2A	13
14	31.8	24.8	25.9	26.0	48.5	181	146	105	77.9	70.9	62.4	58.2	14
15	31.1	24.7	25.9	26.1	50.2	178	144	103	77.9	71.5	62.7	58.2	15
16	30.8	24.8	25.9	26.0	52.2	175	143	101	77.9	71.0	62.6	58.1	16
17	30.6	25.2	25.6	25.9	54.4	173	142	100	78.0	70.8	63.2	57.4	17
18	30.4	25.1	25.7	25.8	57.0	169	142	99.0	78.0	70.6	62.7A	57.4	18
19	30.1	24.9	25.6	25.7	61.5	166	140A	97.5	77.7	70.2	61.7	57.5	19
20	29.9	24.8	25.7	25.7	67.7	161	139	96.1	76.8A	69.2	61.7	57.4	20
21	29.7	24.8	25.7	25.7	77.6	157	138	95.3	75.1A	68.6	61.6	57.0	21
22	29.2	24.8	25.8	25.7	86.2	154	136	95.7	75.0	69.1	61.7	56.4	22
23	28.7	24.8	25.6	25.8	95.6	151	135	95.9	74.3	68.6	62.0	56.3	23
24	27.9	24.4	25.7	25.8	104	146	133	95.0	74.1	67.8A	62.6	55.8A	24
25	27.5	24.4	25.6	25.8	111	143	131	95.6	74.1	66.9A	62.7	55.7	25
26	27.2	24.4	25.7	26.0	118	141	130	94.2	73.3	66.1	62.3	55.5	26
27	26.9	24.4	25.9	26.0	121	136	129	93.1	73.2	65.3	62.1	55.5	27
28	26.8	24.4	25.9	26.2	126	133	128	92.0	72.9	64.6	62.0	55.1E	28
29	26.5	24.4	25.6	26.2	132	131	127	91.4	72.8	64.6	61.9	54.9E	29
30	26.3		25.5	26.6	136	129	124	91.3	72.9	64.0	61.2	54.4E	30
31	26.0		25.3		148		124	90.3		63.5		54.0A	31
TOTAL	969.3	722.2	787.2	774.7	2 088.5	4 954	4 142	3 222.0	2 354.5	2 172.7	1 874.0	1 800.9	TOTAL
MEAN	31.3	24.9	25.4	25.8	67.4	165	134	104	78.5	70.1	62.5	58.1	MEAN
MAX	37.3	25.9	25.9	26.6	148	186	147	123	89.0	74.2	63.9	61.7	MAX
MIN	26.0	24.4	24.3	25.2	26.8	129	121	90.3	72.8	63.5	61.2	54.0	MIN

SUMMARY FOR THE YEAR 1988

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 70.7
MAXIMUM DAILY, 186 ON JUN 7
MINIMUM DAILY, 24.3 ON MAR 1
MAXIMUM INSTANTANEOUS,
187 AT 15:48 CST ON JUN 8

TYPE OF GAUGE - RECORDING
LOCATION - LAT 59 26 40 N
LONG 104 21 40 W
DRAINAGE AREA, 7 300 km²
A - MANUAL GAUGE

E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	83 700	JUL	358 000
FEB	62 400	AUG	278 000
MAR	68 000	SEP	203 000
APR	66 900	OCT	188 000
MAY	180 000	NOV	162 000
JUN	428 000	DEC	156 000

TOTAL DISCHARGE, 2 230 000 dam³

PRAIRIE RIVER NEAR PRAIRIE RIVER - STATION NO. 05LB010

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.034B	0.023B	1.60	0.612	0	0.014	0.498	0.407	---	---	1
2	---	---	0.026B	0.038B	1.63	0.526	0	0.001	0.429	0.398	---	---	2
3	---	---	0.023B	0.068B	1.65	0.741	0	0	0.423	0.394	---	---	3
4	---	---	0.019B	0.151B	1.63	0.616	0	0	0.424	0.381	---	---	4
5	---	---	0.016B	1.03 B	1.78	0.667	0	0	0.417	0.363	---	---	5
6	---	---	0.012B	1.36 B	1.61	0.626	0	0	0.458	0.362	---	---	6
7	---	---	0.014B	2.38 B	1.63	0.646	0	0	0.408	0.355	---	---	7
8	---	---	0.018B	1.17 B	1.70	0.466	0	0	0.411	0.348	---	---	8
9	---	---	0.021B	0.523B	1.65	0.367	0	0	0.526	0.331	---	---	9
10	---	---	0.024B	1.74 B	1.78	0.351	0	0	0.595	0.319	---	---	10
11	---	---	0.022B	3.06 B	1.68	0.416	0	0	0.611	0.288	---	---	11
12	---	---	0.021B	3.18 B	1.49	0.206	0	0	0.601	0.277	---	---	12
13	---	---	0.019B	1.83 B	1.47	0.137	0	0	0.668	0.213	---	---	13
14	---	---	0.017B	1.74 B	1.36	0.123	0.336	0	0.621	0.245	---	---	14
15	---	---	0.016B	2.18 B	1.26	0.150	0.369	0	0.562	0.237	---	---	15
16	---	---	0.016B	2.13 B	1.16	0.157	0.580	0	0.534	0.229	---	---	16
17	---	---	0.016B	1.78 B	1.15	0.168	0.716	0	0.529	0.223	---	---	17
18	---	---	0.015B	1.66 B	2.14	0.101	0.761	0	0.554	0.205	---	---	18
19	---	---	0.014B	1.22 B	1.21	0.043A	0.689	0	0.537	0.186	---	---	19
20	---	---	0.013B	1.19 B	1.02	0.008A	0.488	0	0.497	0.207	---	---	20
21	---	---	0.013B	1.13 B	0.946	0	0.542	0	0.447	0.208	---	---	21
22	---	---	0.012B	0.803B	0.869	0	0.430	0.465	0.438	0.213	---	---	22
23	---	---	0.011B	0.733B	0.742	0	0.342	0.669	0.414	0.206	---	---	23
24	---	---	0.014B	0.661	0.661	0	0.269	0.852	0.379	0.205	---	---	24
25	---	---	0.015B	0.594	0.649	0	0.224	0.882	0.389	0.187	---	---	25
26	---	---	0.016B	0.554	0.667	0	0.218	0.882	0.381	0.185	---	---	26
27	---	---	0.016B	0.549	0.742	0	0.174	0.863	0.372	0.177	---	---	27
28	---	---	0.016B	0.536	0.778	0	0.134	0.872	0.367	0.160B	---	---	28
29	---	---	0.019B	0.670	0.775	0	0.133	0.826	0.417	0.158B	---	---	29
30	---		0.020B	0.694	0.768	0	0.096	0.732	0.424	0.146B	---	---	30
31	---		0.018B		0.732		0.086	0.580		0.147B		---	31
TOTAL	---	---	0.554	35.537	39.726	7.172	6.539	7.687	14.212	7.976	---	---	TOTAL
MEAN	---	---	0.018	1.18	1.28	0.239	0.211	0.256	0.474	0.257	---	---	MEAN
MAX	---	---	0.034	3.18	2.14	0.616	0.761	0.882	0.668	0.407	---	---	MAX
MIN	---	---	0.011	0.023	0.649	0	0	0	0.367	0.146	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.486
MAXIMUM DAILY, 3.18B ON APR 12
MINIMUM DAILY, 0 ON JUN 21
MAXIMUM INSTANTANEOUS,
5.54B AT 00:22 CST ON APR 13

TYPE OF GAUGE - RECORDING
LOCATION - LAT 52 49 01 N
LONG 102 59 49 W
DRAINAGE AREA, 324 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	565
FEB	---	AUG	662
MAR	47.9	SEP	1 230
APR	3 070	OCT	689
MAY	3 430	NOV	---
JUN	620	DEC	---

TOTAL DISCHARGE, 10 300 dam³

QU'APPELLE RIVER ABOVE BUFFALO POUND LAKE - STATION NO. 05JG004

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1986

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.12B	1.33B	1.50B	2.28B	5.43	11.6	6.15	6.57	6.85	3.93	1.74 B	1.62B	1
2	1.10B	1.36B	1.49B	2.39B	5.46	11.7	5.89	6.27	6.89	3.93	2.67 B	1.63B	2
3	1.09B	1.36B	1.50B	2.80B	7.65	11.7	5.88	6.54	5.67	3.93	1.69 B	1.51B	3
4	1.08B	1.36B	1.50B	2.57B	9.27	10.6	5.88	6.33	3.78	3.90	1.43 B	1.44B	4
5	1.08B	1.36B	1.54B	2.75B	9.36	9.72	5.91	6.28	3.71	3.98	1.34 B	1.46B	5
6	1.08B	1.39B	1.52B	2.19B	10.7	9.72	6.18	6.31	3.82	4.00	1.71 B	1.64B	6
7	1.09B	1.41B	1.54B	2.07B	11.5	9.27	6.20	6.49	3.80	3.88	1.66 B	1.52B	7
8	1.10B	1.42B	1.53B	1.75	10.9	9.01	5.92	6.27	3.78	4.03	1.61 B	1.30B	8
9	1.10B	1.44B	1.57B	1.61	10.9	8.68	5.63	6.23	3.70	3.98	1.68 B	1.34B	9
10	1.11B	1.46B	1.63B	1.57	10.9	8.83	5.71	6.64	3.74	3.93	1.24 B	1.67B	10
11	1.11B	1.47B	1.65B	1.58	10.9	5.55	5.88	6.35	3.88	3.93	1.90 B	1.70B	11
12	1.12B	1.48B	1.65B	2.48	10.6	4.83	5.67	6.33	3.82	3.94	2.35 B	1.81B	12
13	1.12B	1.50B	1.63B	4.48	10.7	4.41	5.84	6.44	3.78	4.02	1.65 B	1.73B	13
14	1.13B	1.51B	1.71B	4.54	10.9	4.49	5.81	6.35	3.78	4.01	1.19 B	1.86B	14
15	1.15B	1.52B	1.72B	4.50	10.9	4.38	5.92	6.48	3.78	3.42	1.07 B	1.88B	15
16	1.16B	1.54B	1.72B	3.38	10.7	3.55	5.94	6.80	3.87	1.76	1.40 B	1.62B	16
17	1.17B	1.54B	1.75B	4.25	10.6	3.92	5.82	6.87	3.83	1.63	1.65 B	2.00B	17
18	1.20B	1.55B	1.76B	4.35	11.0	3.97	5.84	6.57	3.84	1.66	1.76 B	2.06B	18
19	1.21B	1.55B	1.81B	3.58	10.9	3.97	6.00	6.87	3.81	1.69	1.92 B	2.00B	19
20	1.22B	1.55B	1.85B	2.74	10.6	3.94	5.88	6.75	3.80	1.65	2.07 B	1.77B	20
21	1.23B	1.55B	1.90B	2.64	11.2	3.88	5.88	6.94	3.85	1.59	1.88 B	1.70B	21
22	1.24B	1.55B	2.08B	2.64	11.6	4.12	7.19	6.87	4.01	1.57	2.03 B	1.73B	22
23	1.25B	1.56B	2.20B	2.80	11.4	4.68	7.04	6.77	3.80	1.62	1.23 B	1.88B	23
24	1.26B	1.57B	2.41B	3.03	11.7	5.34	6.80	6.75	3.87	1.57	1.88 B	1.88B	24
25	1.27B	1.57B	2.27B	3.00	12.1	5.83	6.79	6.75	3.86	1.56	1.82 B	2.18B	25
26	1.28B	1.58B	2.18B	2.99	12.0	6.08	5.88	6.83	3.88	1.60	1.52 B	1.67B	26
27	1.29B	1.58B	2.10B	2.97	12.0	5.57	5.48	6.66	3.85	1.65	1.47 B	1.67B	27
28	1.29B	1.58B	2.07B	2.97	12.1	5.43	5.46	6.87	4.04	0.656B	0.693B	1.68B	28
29	1.30B	1.58B	2.01B	5.28	11.9	5.15	5.55	6.82	3.97	1.53 B	2.02 B	1.71B	29
30	1.31B		1.27B	5.43	11.7	5.63	5.54	6.85	3.97	1.64 B	1.79 B	1.63B	30
31	1.32B		2.35B		12.1		5.60	6.94		1.60 B		2.00B	31
TOTAL	35.89	43.24	55.59	93.48	330.59	189.64	185.05	203.93	123.86	85.466	51.113	52.98	TOTAL
MEAN	1.16	1.49	1.79	3.12	10.7	6.32	5.97	6.58	4.12	2.76	1.70	1.71	MEAN
MAX	1.32	1.58	2.41	5.43	12.1	11.6	7.19	6.97	6.95	4.03	2.67	2.18	MAX
MIN	1.08	1.33	1.27	1.57	5.43	3.85	5.46	6.57	3.82	0.656	0.693	1.30	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 3.97
MAXIMUM DAILY, 12.1 ON MAY 26
MINIMUM DAILY, 0.656B ON OCT 28
MAXIMUM INSTANTANEOUS,
12.2 AT 16:47 CST ON MAY 26

SUMMARY FOR THE YEAR 1986

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 47 00 N
LONG 105 49 31 W
DRAINAGE AREA, 2 830 km²

B - ICE CONDITIONS

REGULATED SINCE 1958

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	3 100	JUL	16 000
FEB	3 740	AUG	17 600
MAR	4 800	SEP	10 700
APR	8 080	OCT	7 380
MAY	28 600	NOV	4 420
JUN	16 400	DEC	4 580

TOTAL DISCHARGE, 125 000 dam³

QU'APPELLE RIVER AT HYDE - STATION NO. 05JM013

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1986

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.851B	0.782B	0.398	0.311	0.063	0.014	0.083	0.020	0.016B	---	1
2	---	---	0.870B	0.871B	0.420	0.303	0.060	0.012	0.125	0.020	---	---	2
3	---	---	0.933B	0.888B	0.466	0.326	0.053	0.008	0.131	0.033	---	---	3
4	---	---	0.902B	1.00 B	0.492	0.367	0.063	0.008	0.150	0.033	---	---	4
5	---	---	0.928B	1.05 B	1.12	0.374	0.061	0.004	0.232	0.019	---	---	5
6	---	---	0.916B	0.869B	1.09	0.310	0.068	0.002	0.232	0.020	---	---	6
7	---	---	0.847B	0.892B	1.13	0.192	0.075	0.001	0.261	0.023	---	---	7
8	---	---	0.843B	0.869B	1.09	0.135	0.076	0	0.284	0.041	---	---	8
9	---	---	0.898B	0.832B	1.00	0.085	0.070	0	0.248	0.050	---	---	9
10	---	---	0.867B	1.92	0.863	0.055	0.065	0	0.247	0.043	---	---	10
11	---	---	0.834B	1.80	0.844	0.058	0.087	0	0.241	0.038	---	---	11
12	---	---	0.850B	2.22	0.989	0.080	0.068	0	0.228	0.042	---	---	12
13	---	---	0.887B	1.88	0.843	0.093	0.062	0	0.191	0.034	---	---	13
14	---	---	0.881B	1.48	0.889	0.278	0.065	0	0.174	0.037	---	---	14
15	---	---	0.879B	1.38	0.976	0.755	0.084	0	0.161	0.041	---	---	15
16	---	---	0.861B	1.29	0.968	0.860	0.082	0	0.148	0.040	---	---	16
17	---	---	0.875B	1.19	0.843	0.722	0.080	0	0.125	0.032	---	---	17
18	---	---	0.807B	1.03	1.38	0.502	0.065	0	0.108	0.026	---	---	18
19	---	---	0.760B	0.908	1.24	0.381	0.057	0	0.087	0.028	---	---	19
20	---	---	0.770B	0.889	1.01	0.277	0.103	0	0.082	0.031	---	---	20
21	---	---	0.884B	0.848	0.840	0.238	0.080	0	0.088	0.022	---	---	21
22	---	0.779B	0.867B	0.789	0.788	0.201	0.082	0	0.063	0.020	---	---	22
23	---	0.783B	0.916B	0.720	0.787	0.177	0.063	0	0.034	0.026	---	---	23
24	---	0.752B	1.01 B	0.648	0.770	0.132	0.053	0	0.032	0.030	---	---	24
25	---	0.736B	0.836B	0.558	0.676	0.134	0.048	0	0.029	0.027	---	---	25
26	---	0.772B	0.761B	0.480	0.731	0.122	0.045	0	0.026	0.027	---	---	26
27	---	0.853B	0.812B	0.418	0.712	0.083	0.033	0	0.023	0.026	---	---	27
28	---	0.853B	0.763B	0.411	0.563	0.053	0.030	0	0.036	0.022B	---	---	28
29	---	0.898B	1.00 B	0.387	0.480	0.045	0.025	0	0.044	0.023B	---	---	29
30	---		0.772B	0.353	0.395	0.059	0.022	0.036	0.036	0.022B	---	---	30
31	---		0.735B		0.330		0.018	0.060		0.024B		---	31
TOTAL	---	---	26.945	26.741	25.390	7.736	1.812	0.145	3.921	0.910	---	---	TOTAL
MEAN	---	---	0.869	0.891	0.819	0.258	0.058	0.005	0.131	0.029	---	---	MEAN
MAX	---	---	1.01	2.22	1.38	0.860	0.103	0.060	0.281	0.050	---	---	MAX
MIN	---	---	0.725	0.353	0.330	0.045	0.018	0	0.023	0.019	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.385
MAXIMUM DAILY, 2.22 ON APR 12
MINIMUM DAILY, 0 ON AUG 8
MAXIMUM INSTANTANEOUS,
2.56 AT 16:57 CST ON APR 12

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 36 20 N
LONG 102 56 03 W
DRAINAGE AREA, 44 100 km²

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	155
FEB	---	AUG	12.5
MAR	2 330	SEP	339
APR	2 370	OCT	78.6
MAY	2 190	NOV	---
JUN	668	DEC	---

TOTAL DISCHARGE, 8 360 dam³

QU'APPELLE RIVER BELOW CRAVEN DAM - STATION NO. 05JK002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.843B	0.716B	0.894B	0.970B	2.61	2.88	1.19	0.753	0.994	0.389	0.500	0.875B	1
2	0.802B	0.883B	0.876B	1.01 B	2.60	3.27	1.20	0.787	1.16	0.401	0.507	0.752B	2
3	0.805B	0.830B	0.863B	1.01 B	2.60	3.30	1.26	0.815	1.35	0.413	0.506	0.873B	3
4	0.871B	0.800B	0.871B	1.07 B	2.52	3.34	1.24	1.01	1.64	0.421	0.528	0.824B	4
5	0.925B	0.850B	0.888B	1.10 B	2.60	3.34	1.21	1.00	1.85	0.727	0.530	0.848B	5
6	0.920B	0.716B	0.911B	1.09 B	2.50	3.31	1.17	0.912	1.56	1.29	0.517	0.787B	6
7	0.924B	0.880B	0.909B	1.06 B	2.48	2.87	1.25	0.838	1.34	1.32	0.585	0.988B	7
8	0.909B	0.839B	0.899B	1.06 B	2.49	2.28	1.52	0.753	1.10	1.72	0.580	1.08 B	8
9	0.988B	0.620B	0.904B	1.02	2.53	2.23	1.50	0.727	0.822	1.81	1.12	1.03 B	9
10	1.05 B	0.777B	0.898B	0.988	2.50	2.18	1.42	0.748	0.718	1.79	1.04	0.884B	10
11	1.09 B	0.892B	0.912B	0.877	2.51	2.15	1.31	0.751	0.712	1.73	0.985B	0.819B	11
12	1.12 B	0.841B	0.915B	0.887	2.46	2.12	1.21	0.750	0.700	1.58	1.38 B	0.850B	12
13	1.15 B	0.768B	0.904B	0.853	2.43	2.13	1.16	0.744	0.887	1.47	1.44 B	0.833B	13
14	1.21 B	0.779B	0.898B	0.838	2.40	2.13	1.12	0.727	0.870	1.39	1.35 B	1.04 B	14
15	1.03 B	0.813B	0.888B	0.821	2.40	2.12	1.09	0.705	0.828	1.30	1.12 B	1.11 B	15
16	0.914B	0.793B	0.844B	0.918	2.41	2.10	0.990	0.718	0.584	1.26	0.984B	1.23 B	16
17	0.848B	0.773B	0.828B	0.808	2.38	2.02	0.909	0.723	0.595	1.28	0.958B	1.25 B	17
18	0.884B	0.760B	0.843B	1.18	2.37	1.89	0.873	0.715	0.592	1.21	1.01 B	1.27 B	18
19	0.850B	0.785B	0.888B	1.29	2.36	1.76	0.895	0.740	0.580	1.17	0.993B	1.27 B	19
20	0.833B	0.839B	0.889B	1.20	2.39	1.87	0.843	0.768	0.559	1.16	0.977B	1.27 B	20
21	0.825B	0.858B	0.907B	1.18	2.37	1.59	0.785	0.914	0.521	1.12	0.983B	1.23 B	21
22	0.837B	0.838B	0.908B	1.16	2.35	1.51	0.774	0.988	0.514	1.11	0.948B	1.11 B	22
23	0.839B	0.849B	0.902B	1.15	2.37	1.43	0.876	0.868	0.507	0.823	0.983B	0.878B	23
24	0.840B	0.865B	0.907B	1.15	2.38	1.33	0.784	0.817	0.488	0.730	1.00 B	0.827B	24
25	0.823B	0.832B	0.911B	1.16	2.30	1.22	0.772	0.817	0.460	0.719	1.06 B	0.908B	25
26	0.831B	0.930B	0.913B	2.39	2.31	1.15	0.784	0.827	0.443	0.899	1.10 B	0.911B	26
27	0.816B	0.902B	0.837B	3.08	2.34	1.14	0.756	0.813	0.435	0.749	1.07 B	1.01 B	27
28	0.792B	0.807B	0.888B	2.94	2.36	1.16	0.778	0.834	0.416	0.877	0.980B	1.08 B	28
29	0.772B	0.911B	0.950B	2.60	2.35	1.06	0.765	0.841	0.412	0.615	0.947B	1.13 B	29
30	0.760B		0.957B	2.87	2.35	1.12	0.763	0.852	0.408	0.559	0.988B	1.16 B	30
31	0.782B		0.952B		2.35		0.767	0.858		0.520		1.43 B	31
TOTAL	27.858	22.988	27.897	40.348	75.30	61.63	31.955	25.088	23.258	32.142	27.867	31.334	TOTAL
MEAN	0.899	0.792	0.900	1.34	2.43	2.05	1.03	0.809	0.775	1.04	0.922	1.01	MEAN
MAX	1.21	0.932	0.959	3.08	2.61	3.34	1.52	1.01	1.85	1.81	1.44	1.43	MAX
MIN	0.772	0.600	0.829	0.808	2.30	1.06	0.755	0.705	0.408	0.389	0.500	0.824	MIN

SUMMARY FOR THE YEAR 1988

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.17
MAXIMUM DAILY, 3.34 ON JUN 4
MINIMUM DAILY, 0.389 ON OCT 1
MAXIMUM INSTANTANEOUS,
3.52 AT 10:50 CST ON JUN 1

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 42 20 N
LONG 104 47 50 W
DRAINAGE AREA, 33 700 km²

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	2 410	JUL	2 780
FEB	1 980	AUG	2 170
MAR	2 410	SEP	2 010
APR	3 490	OCT	2 780
MAY	6 510	NOV	2 380
JUN	5 340	DEC	2 700

TOTAL DISCHARGE, 37 000 dam³

QU'APPELLE RIVER BELOW KATEPWA LAKE - STATION NO. 05JL001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.858	1.38 B	0.889B	0.875	0.759	0.301	0.148	0.038	0.518	0.017	0.171	1.339	1
2	1.849	1.27 B	0.705B	0.700	0.776	0.383	0.159	0.050	0.533	0.020	0.461	1.289	2
3	1.859	1.27 B	0.751B	0.710	0.730	0.220	0.150	0.315	0.095	0.020	0.614	1.309	3
4	1.599	1.26 B	0.887B	0.703	0.528	0.150	0.168	0.125	0.007	0.012	0.783	1.279	4
5	1.589	1.15 B	0.871B	0.705	0.450	0.112	0.483	0.085	0.007	0.013	0.904	1.389	5
6	1.559	1.05 B	0.882B	0.861	0.437	0.105	0.731	0.057	0.006	0.018	0.988	1.289	6
7	1.529	0.984B	0.854B	0.892	0.688	0.083	0.724	0.041	0.002	0.016	1.17	1.319	7
8	1.449	0.900B	0.889B	1.04	0.778	0.120	0.679	0.068	0.005	0.013	1.26	1.309	8
9	1.439	0.818B	0.849B	1.04	0.753	0.088	0.554	0.172	0.003	0.010	1.29	1.309	9
10	1.389	0.738B	0.849B	0.901	0.887	0.136	0.595	0.084	0.004	0.007	1.14	1.409	10
11	1.309	0.850B	0.880B	0.876	0.865	0.252	0.647	0.105	0.008	0.007	1.09	1.389	11
12	1.279	0.882B	0.859B	0.811	0.683	0.200	0.626	0.065	0.005	0.008	1.10	1.419	12
13	1.269	0.730B	0.808B	0.787	0.411	0.098	0.533	0.074	0.018	0.009	1.26	1.359	13
14	1.249	0.717B	0.588B	0.874	0.784	0.221	0.575	0.076	0.022	0.009	1.27	1.379	14
15	1.149	0.648B	0.581	0.819	1.14	0.119	0.522	0.075	0.025	0.007	1.29	1.309	15
16	1.179	0.652B	0.585	0.883	0.784	0.084	0.478	0.273	0.015	0.001	1.30 B	1.399	16
17	1.189	0.888B	0.600	0.848	0.742	0.048	0.475	0.426	0.010	0.006	1.32 B	1.359	17
18	1.129	0.852B	0.683	0.581	0.710	0.122	0.441	0.726	0.010	0.008	1.31 B	1.389	18
19	1.159	0.882B	0.607	0.603	0.683	0.168	0.413	0.613	0.007	0.010	1.31 B	1.429	19
20	1.119	0.715B	0.588	0.481	0.585	0.057	0.446	0.661	0.006	0.019	1.22 B	1.419	20
21	1.089	0.838B	0.583	0.425	0.568	0.166	0.489	0.609	0.003	0.006	1.31 B	1.419	21
22	1.179	0.588B	0.559	0.390	0.411	0.081	0.555	0.489	0.003	0.209	1.26 B	1.439	22
23	1.089	0.824B	0.569	0.367	0.280	0.112	0.423	0.495	0.007	0.023	1.25 B	1.539	23
24	1.139	0.651B	0.613	0.510	0.242	0.381	0.505	0.542	0.005	0.015	1.32 B	1.509	24
25	1.279	0.628B	0.748	0.351	0.382	0.141	0.153	0.568	0.004	0.021	1.34 B	1.539	25
26	1.389	0.713B	0.612	0.324	0.243	0.282	0.033	0.538	0.002	0.021	1.27 B	1.849	26
27	1.449	0.703B	0.631	0.277	0.309	0.232	0.027	0.382	0.008	0.202	0.989B	1.879	27
28	1.399	0.632B	0.752	0.289	0.385	0.189	0.024	0.486	0.017	0.125	1.17 B	1.899	28
29	1.399	0.631B	0.765	0.241	0.319	0.222	0.029	0.595	0.016	0.089	1.48 B	1.809	29
30	1.419		0.850	0.368	0.285	0.148	0.030	0.547	0.013	0.082	1.33 B	1.809	30
31	1.469		0.873		0.328		0.033	0.548		0.156		1.819	31
TOTAL	41.50	23.440	19.919	18.238	17.410	4.959	11.882	9.907	1.384	1.139	34.026	43.88	TOTAL
MEAN	1.34	0.808	0.642	0.608	0.562	0.165	0.383	0.320	0.046	0.037	1.13	1.42	MEAN
MAX	1.86	1.38	0.765	1.04	1.14	0.383	0.731	0.726	0.533	0.209	1.48	1.81	MAX
MIN	1.08	0.586	0.612	0.241	0.242	0.048	0.024	0.038	0.002	0.001	0.171	1.27	MIN

SUMMARY FOR THE YEAR 1988

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.822
MAXIMUM DAILY, 1.858 ON JAN 1
MINIMUM DAILY, 0.001 ON OCT 16
MAXIMUM INSTANTANEOUS,
1.81 AT 23:05 CST ON MAY 14

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 39 41 N
LONG 103 36 02 W
DRAINAGE AREA, 40 900 km²

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	3 590	JUL	1 020
FEB	2 030	AUG	856
MAR	1 720	SEP	120
APR	1 580	OCT	98.4
MAY	1 500	NOV	2 940
JUN	428	DEC	3 790

TOTAL DISCHARGE, 19 700 dam³

REMARKS - THE MAXIMUM INSTANTANEOUS DISCHARGE OCCURRED PARTIALLY AS A RESULT OF WIND ON KATEPWA LAKE

QU'APPELLE RIVER BELOW LOON CREEK - STATION NO. 05JK007

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.778B	0.897B	0.880B	1.30 B	0.247	2.15	0.857	0.724	0.897	0.492	0.883	1.23 B	1
2	0.681B	0.874B	0.889B	1.39 B	0.237	2.19	0.852	0.812	0.703	0.455	0.732	1.19 B	2
3	0.675B	0.858B	0.871B	1.48 B	0.237	2.50	0.855	0.775	0.753	0.440	0.888	1.15 B	3
4	0.703B	0.872B	0.884B	1.50 B	0.214	2.87	0.870	0.733	0.948	0.426	0.824	1.08 B	4
5	0.685B	0.848B	1.00 B	1.58 B	0.358	2.89	1.03	0.728	1.16	0.425	0.573	1.02 B	5
6	0.617B	0.888B	1.00 B	1.71 B	0.585	2.90	1.04	0.795	1.35	0.469	0.521	0.974B	6
7	0.574B	0.885B	1.01 B	1.75 B	0.348	2.77	0.983	0.793	1.40	0.488	0.473	0.917B	7
8	0.618B	0.878B	1.03 B	1.54 B	0.608A	2.86	0.871	0.758	1.35	0.800	0.544	0.915B	8
9	0.639B	0.858B	1.02 B	1.25 B	2.82 E	2.22	0.891	0.743	1.21	1.11	0.421	0.901B	9
10	0.648B	0.885B	1.04 B	1.34 B	2.86 E	2.32	0.998	0.702	1.14	1.32	0.471	0.895B	10
11	0.854B	0.740B	1.08 B	1.20 B	2.89 A	2.36	1.10	0.840	1.08	1.45	0.716	0.882B	11
12	0.717B	0.749B	1.10 B	1.09	2.08	2.07	1.15	0.837	0.984	1.37	1.02	0.854B	12
13	0.706B	0.723B	1.12 B	1.04	1.74	2.07	1.01	0.852	0.878	1.38	1.17 B	0.803B	13
14	0.786B	0.740B	1.15 B	1.05	1.77	2.12	0.987	0.880	0.810	1.34	1.28 B	0.785B	14
15	0.738B	0.784B	1.16 B	0.830	1.80	2.11	0.921	0.863	0.748	1.30	1.28 B	0.823B	15
16	0.735B	0.758B	1.18 B	0.918	2.15	2.13	0.874	0.810	0.758	1.24	1.33 B	0.786B	16
17	0.742B	0.724B	1.18 B	0.981	2.29	2.12	0.844	0.806	0.735	1.23	1.35 B	0.835B	17
18	0.776B	0.712B	1.11 B	1.14	2.88	2.04	0.811	0.725	0.683	1.21	1.32 B	0.844B	18
19	0.750B	0.770B	1.07 B	0.980	2.81	1.87	0.787	0.720	0.715	1.18	1.26 B	0.839B	19
20	0.712B	0.803B	1.07 B	0.976	2.78	1.78	0.752	0.688	0.721	1.19	1.22 B	0.831B	20
21	0.716B	0.843B	1.18 B	1.10	2.36	1.87	0.770	0.712	0.733	1.14	1.24 B	0.809B	21
22	0.736B	0.846B	1.23 B	1.05	2.25	1.85	0.738	0.716	0.718	1.20	1.26 B	0.798B	22
23	0.745B	0.889B	1.28 B	1.04	2.26	1.61	0.684	0.696	0.656	1.14	1.26 B	0.820B	23
24	0.741B	0.921B	1.31 B	0.997	2.30	1.32	0.615	0.733	0.631	1.15	1.24 B	0.817B	24
25	0.737B	0.948B	1.23 B	0.948	2.31 E	1.17	0.678	0.721	0.588	1.12	1.22 B	0.812B	25
26	0.705B	0.984B	1.15 B	0.867	2.33 E	1.40	0.718	0.694	0.617	1.07	1.22 B	0.832B	26
27	0.651B	0.987B	1.10 B	0.397	2.33 E	1.14	0.697	0.658	0.587	0.729	1.25 B	0.791B	27
28	0.644B	0.939B	1.05 B	0.288	2.34 E	1.11	0.702	0.694	0.570	0.487	1.29 B	0.818B	28
29	0.679B	0.870B	1.10 B	0.221	2.33 E	1.02	0.688	0.687	0.568	0.771	1.28 B	0.858B	29
30	0.693B		1.15 B	0.188	2.32 E	0.886	0.700	0.715	0.542	0.703	1.25 B	0.847B	30
31	0.671B		1.23 B		2.29 A		0.716	0.700		0.712		0.880B	31
TOTAL	21.661	22.399	34.014	31.831	56.753	58.948	26.109	22.172	24.992	26.617	30.196	27.342	TOTAL
MEAN	0.699	0.772	1.10	1.06	1.83	1.96	0.842	0.715	0.833	0.858	1.01	0.882	MEAN
MAX	0.778	0.987	1.31	1.75	2.89	2.90	1.15	0.812	1.40	1.45	1.35	1.23	MAX
MIN	0.574	0.648	0.880	0.188	0.214	0.886	0.615	0.637	0.542	0.425	0.421	0.785	MIN

SUMMARY FOR THE YEAR 1988

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.06
MAXIMUM DAILY, 2.90 ON JUN 6
MINIMUM DAILY, 0.188 ON APR 30
MAXIMUM INSTANTANEOUS,
3.17 AT 01:39 CST ON MAY 20

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 47 11 N
LONG 104 17 21 W
DRAINAGE AREA, 38 800 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	1 870	JUL	2 260
FEB	1 940	AUG	1 920
MAR	2 940	SEP	2 160
APR	2 750	OCT	2 300
MAY	4 900	NOV	2 610
JUN	5 090	DEC	2 360

TOTAL DISCHARGE, 33 400 dam³

QU'APPELLE RIVER BELOW MOOSE JAW RIVER - STATION NO. 05JE007

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.480B	0.855B	0.744B	0.897B	2.87	5.58	1.94	2.02	3.03	1.83	0.480E	0.376B	1
2	0.560B	0.898B	0.790B	0.753B	3.05	6.36	1.95	2.05	6.15	1.85	0.440A	0.377B	2
3	0.590B	0.605B	0.800B	0.747	3.85	6.25	2.00	2.04	6.15	1.85	0.411	0.383B	3
4	0.618B	0.611B	0.820B	0.735	3.84	5.88	1.97	2.04	6.09	1.88	0.409	0.388B	4
5	0.550B	0.577B	0.705B	0.722	3.55	5.79	1.97	2.05	5.66	1.95	0.407	0.394B	5
6	0.472B	0.605B	0.690B	0.882	3.90	5.93	2.04	2.03	4.67	3.59	0.366	0.426B	6
7	0.505B	0.641B	0.747B	0.715	4.51	6.09	2.04	2.03	1.88	3.94	0.357	0.402B	7
8	0.568B	0.691B	1.01 B	0.724	4.56	4.78	2.01	1.99	1.87	4.00	0.231	0.437B	8
9	0.627B	0.662B	0.932B	0.709	4.65	4.58	2.02	2.03	1.80	4.04	0.218	0.548B	9
10	0.784B	0.686B	0.804B	0.685	4.72	4.61	2.03	2.06	1.81	4.01	0.139	0.591B	10
11	0.868B	0.671B	0.842B	1.02	4.88	4.65	2.00	2.05	1.80	3.90	0.219	0.690B	11
12	0.581B	0.642B	0.586B	4.59	4.98	4.70	1.97	2.06	1.81	3.84	0.248	0.671B	12
13	0.623B	0.580B	0.588B	5.11	4.73	4.53	2.03	2.04	1.80	3.91	0.251B	0.600B	13
14	0.698B	0.301B	0.633B	3.98	5.17	4.51	1.95	2.05	1.82	3.98	0.257B	0.551B	14
15	0.614B	0.590B	0.668B	3.76	5.77	4.16	2.00	2.04	1.82	4.04	0.243B	0.668B	15
16	0.642B	0.570B	0.609B	4.07	4.88	1.90	2.00	2.05	1.82	3.97	0.246B	0.691B	16
17	0.582B	0.498B	0.650B	4.00	4.73	1.82	2.00	2.09	1.82	3.95	0.230E	0.741B	17
18	0.592B	0.485B	0.590B	3.87	5.42	1.62	2.03	2.05	1.81	3.90	0.235B	0.802B	18
19	0.584B	0.445B	0.692B	3.82	5.35	1.61	2.02	2.07	1.83	3.71	0.259B	0.736B	19
20	0.602B	0.346B	0.687B	3.45	4.82	1.79	1.98	2.10	1.85	3.88	0.246B	0.691B	20
21	0.617B	0.309B	0.701B	3.40	4.73	1.78	1.98	2.10	1.85	2.08	0.254B	0.615B	21
22	0.727B	0.311B	0.714B	3.26	4.71	1.78	1.99	2.15	1.86	2.10	0.267B	0.767B	22
23	0.756B	0.490B	0.743B	3.12	4.50	1.73	2.08	2.12	1.82	2.06	0.283B	0.567B	23
24	0.537B	0.660B	0.776B	2.49	4.38	1.77	2.02	2.08	1.83	1.95	0.274B	0.645B	24
25	0.583B	0.864B	0.736B	3.20	4.91	1.71	2.03	2.11	1.82	1.94	0.274B	0.548B	25
26	0.738B	0.546B	0.708B	3.07	4.85	1.82	2.03	2.26	1.84	1.92	0.275B	0.732B	26
27	0.710B	0.503B	0.763B	2.95	4.87	1.68	2.02	3.09	1.81	1.86	0.286B	0.606B	27
28	0.803B	0.540B	0.710B	2.79	5.06	1.78	2.05	3.03	1.82	0.650A	0.344B	0.555B	28
29	0.987B	0.528B	0.678B	2.58	4.80	1.80	2.06	2.98	1.82	0.600E	0.376B	0.710B	29
30	0.536B		0.693B	2.69	4.65	1.99	2.04	2.97	1.83	0.550E	0.376B	0.784B	30
31	0.398B		0.671B		5.18		2.04	3.03		0.500E		0.711B	31
TOTAL	19.861	16.452	22.130	75.229	142.65	105.08	62.33	68.85	76.93	84.130	8.938	18.406	TOTAL
MEAN	0.641	0.567	0.714	2.51	4.60	3.50	2.01	2.22	2.56	2.71	0.298	0.594	MEAN
MAX	0.987	0.869	1.01	5.11	5.77	6.36	2.08	3.09	6.15	4.04	0.480	0.802	MAX
MIN	0.398	0.301	0.586	0.685	2.87	1.62	1.94	1.99	1.80	0.500	0.139	0.383	MIN

SUMMARY FOR THE YEAR 1988

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.92
MAXIMUM DAILY, 6.36 ON JUN 2
MINIMUM DAILY, 0.139 ON NOV 10
MAXIMUM INSTANTANEOUS,
6.53 AT 20:49 CST ON JUN 2

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 34 40 N
LONG 105 18 00 W
DRAINAGE AREA, 12 800 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	1 720	JUL	5 390
FEB	1 420	AUG	5 950
MAR	1 910	SEP	6 650
APR	6 500	OCT	7 270
MAY	12 300	NOV	772
JUN	9 080	DEC	1 590

TOTAL DISCHARGE, 60 600 dam³

QU'APPELLE RIVER NEAR LUMSDEN - STATION NO. 05JF001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.817B	1.15 B	1.48B	2.84B	4.24	5.20	2.12	1.88	3.57	2.29	0.919	0.772B	1
2	1.01 B	1.05 B	1.31B	2.85B	4.41	5.57	2.15	2.28	4.04	2.28	0.947	0.858B	2
3	0.970B	1.14 B	1.52B	2.89B	5.08	6.13	2.18	2.73A	5.41	2.35	0.957	0.611B	3
4	1.06 B	1.15 B	2.14B	3.59B	5.27	6.23	2.11	4.04A	5.76	2.44	0.929	0.618B	4
5	1.07 B	1.05 B	1.85B	3.74B	5.06	5.97	2.01	3.09	5.76	2.43	1.03	0.700B	5
6	1.12 B	0.874B	1.53B	3.30B	5.04	5.77	2.20	2.53	5.64	2.52	1.04	0.858B	6
7	1.15 B	1.00 B	1.41B	2.78B	4.98	5.88	3.31A	2.36	5.37	3.74	1.03 B	1.11 B	7
8	0.961B	1.09 B	1.35B	2.75B	5.59	5.05	3.59A	2.28	3.91	4.92	0.987B	1.14 B	8
9	0.892B	1.15 B	1.37B	2.18B	5.87	5.73	2.59	2.14	2.47	4.96	0.995B	1.03 B	9
10	1.04 B	1.17 B	1.55B	2.03B	5.95	4.89	2.32	2.10	2.44	4.78	1.10 B	0.828B	10
11	0.988B	1.31 B	1.83B	2.41B	5.99	4.78	2.22	2.18	2.59	4.88	1.07 B	0.799B	11
12	0.960B	1.34 B	1.80B	2.12B	6.11	4.64	2.20	2.28	2.65	4.35	0.982B	0.935B	12
13	1.15 B	1.29 B	1.79B	1.62B	5.95	5.08	2.19	2.27	2.97	4.28	0.949B	1.09 B	13
14	1.20 B	1.25 B	1.59B	1.28B	5.74	5.07	2.17	2.23	2.60	4.24	1.03 B	1.21 B	14
15	1.14 B	1.18 B	1.31B	1.34B	6.26	4.93	2.21	2.22	2.68	4.25	1.20 B	1.29 B	15
16	0.933B	1.18 B	1.24B	1.38B	6.88	4.03	2.17	2.30	2.61	4.25	1.19 B	1.35 B	16
17	0.880B	1.16 B	1.33B	2.24B	6.21	3.39	2.05	2.48	2.64	4.24	1.07 B	1.28 B	17
18	0.899B	1.02 B	2.09B	9.14	6.30	1.97	2.34	2.40	2.52	4.15	1.06 B	1.38 B	18
19	1.01 B	0.784B	2.39B	6.99	6.29	1.73	2.34	2.62	2.51	4.12	0.940B	1.30 B	19
20	0.897B	0.795B	2.20B	5.89	6.38	1.58	2.27	3.08	2.54	4.03	0.937B	1.40 B	20
21	0.858B	0.867B	2.46B	5.20	5.93	1.47	2.19	4.22	2.57	3.91	0.934B	1.36 B	21
22	0.867B	0.873B	2.25B	4.80	5.66	1.49	2.17	3.35	2.55	3.15	0.925B	1.17 B	22
23	1.04 B	1.02 B	2.04B	4.31	5.89	1.48	2.08	3.40	2.53	2.06	0.915B	1.03 B	23
24	1.04 B	1.04 B	2.15B	4.42	5.36	1.51	2.12	2.88	2.50	2.08	0.953B	1.01 B	24
25	0.983B	1.29 B	1.86B	4.81	5.36	1.57	2.13	2.57	2.61	2.02	1.00 B	1.04 B	25
26	1.07 B	1.55 B	1.85B	5.08	5.82	1.63	2.07	2.49	2.58	1.99	0.898B	1.08 B	26
27	1.10 B	1.60 B	2.17B	4.73	6.22	1.71	1.98	2.60	2.58	2.00	0.881B	1.11 B	27
28	1.14 B	1.62 B	2.10B	4.47	6.12	1.61	1.87	3.55	2.50	1.95	0.890B	1.09 B	28
29	1.17 B	1.57 B	1.90B	4.22	6.03	1.62	1.90	3.62	2.40	1.87	0.881B	1.11 B	29
30	1.21 B		1.72B	3.99	5.82	1.86	1.94	3.53	2.33	1.21	0.890B	1.12 B	30
31	1.25 B		1.92B		6.22		2.03	3.51		0.936		1.13 B	31
TOTAL	32.063	33.703	55.43	109.13	176.60	111.10	69.29	85.35	101.03	98.396	29.720	32.807	TOTAL
MEAN	1.03	1.17	1.79	3.64	5.70	3.70	2.24	2.75	3.37	3.17	0.991	1.06	MEAN
MAX	1.25	1.62	2.46	9.14	6.88	6.23	3.59	4.22	5.76	4.96	1.20	1.40	MAX
MIN	0.817	0.784	1.24	1.28	4.24	1.47	1.87	1.88	2.33	0.936	0.881	0.611	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 2.55
MAXIMUM DAILY, 9.14 ON APR 18
MINIMUM DAILY, 0.611B ON DEC 3
MAXIMUM INSTANTANEOUS,
10.3 AT 06:02 CST ON APR 18

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 39 19 N
LONG 104 51 06 W
DRAINAGE AREA, 16 300 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	2 770	JUL	5 990
FEB	2 920	AUG	7 370
MAR	4 790	SEP	8 730
APR	9 430	OCT	8 500
MAY	15 300	NOV	2 570
JUN	9 600	DEC	2 830

TOTAL DISCHARGE, 80 800 dam³

QU'APPELLE RIVER NEAR WELBY - STATION NO. 05JM001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.40 B	1.12B	1.37 B	0.872B	1.12	1.12	0.806	0.411	0	0	0.173B	0.166B	1
2	1.29 B	1.15B	1.46 B	1.08 B	1.37	1.16	0.923	0.387	0	0	0.274B	0.172B	2
3	1.24 B	1.17B	1.40 B	1.48 B	2.10	1.23	0.962	0.384	0	0	0.376B	0.146B	3
4	1.27 B	1.16B	1.55 B	2.46 B	3.06	1.36	0.822	0.357	0	0	0.419B	0.146B	4
5	1.19 B	1.17B	1.61 B	4.22 B	3.17	1.35	0.873	0.330	0	0	0.426B	0.160B	5
6	1.04 B	1.16B	1.54 B	4.09 B	2.80	1.32	0.687	0.243	0	0	0.419B	0.146B	6
7	0.937B	1.15B	1.34 B	4.04 B	2.83	1.26	0.589	0.174	0	0	0.428B	0.147B	7
8	0.927B	1.10B	1.17 B	3.28 B	3.08	1.12	0.500	0.100	0	0	0.406B	0.151B	8
9	0.928B	1.07B	1.11 B	3.09 B	3.10	0.877	0.425	0.052	0	0	0.338B	0.154B	9
10	0.910B	1.06B	1.05 B	3.11 B	2.71	0.781	0.753	0.022	0	0	0.349B	0.142B	10
11	0.928B	1.07B	0.982B	3.48	2.21	1.06	0.921	0.001	0	0	0.307B	0.128B	11
12	0.953B	1.06B	0.855B	3.34	1.79	0.801	0.929	0	0	0	0.340B	0.128B	12
13	0.937B	1.06B	0.841B	3.05	1.57	0.713	0.954	0	0	0	0.315B	0.143B	13
14	0.917B	1.07B	0.815B	2.54	1.39	0.875	0.923	0	0	0	0.300B	0.139B	14
15	0.906B	1.09B	0.746B	2.21	1.28	0.878	0.860	0	0	0	0.295B	0.135B	15
16	0.923B	1.06B	0.687B	1.88	1.31	0.703	0.831	0	0	0	0.305B	0.130B	16
17	0.947B	1.07B	0.680B	1.69	1.53	0.828	0.833	0	0	0	0.319B	0.137B	17
18	0.987B	1.07B	0.644B	1.54	1.57	0.681	0.921	0	0	0	0.295B	0.139B	18
19	1.07 B	1.07B	0.606B	1.42	1.43	1.19	0.826	0	0	0	0.279B	0.133B	19
20	1.15 B	1.05B	0.598B	1.27	1.20	1.18	0.880	0	0	0	0.270B	0.124B	20
21	1.17 B	1.06B	0.588B	1.12	1.35	1.06	0.872	0	0	0	0.275B	0.116B	21
22	1.18 B	1.05B	0.651B	1.05	1.48	1.00	1.00	0	0	0	0.279B	0.112B	22
23	1.22 B	1.05B	0.677B	1.02	1.47	0.919	1.02	0	0	0 B	0.259B	0.117B	23
24	1.16 B	1.10B	0.603B	0.936	1.46	0.765	0.976	0	0	0 B	0.280B	0.115B	24
25	1.15 B	1.17B	0.667B	0.876	1.39	0.618	0.920	0	0	0 B	0.289B	0.110B	25
26	1.16 B	1.18B	0.719B	0.880	1.42	0.425	0.870	0	0	0 B	0.280B	0.120B	26
27	1.14 B	1.12B	0.719B	0.881	1.42	0.381	0.803	0	0	0 B	0.257B	0.117B	27
28	1.16 B	1.13B	0.734B	0.922	1.37	0.425	0.676	0	0	0 B	0.220B	0.115B	28
29	1.13 B	1.14B	0.984B	0.984	1.43	0.612	0.589	0	0	0.002B	0.205B	0.108B	29
30	1.13 B		1.02 B	1.04	1.30	0.808	0.484	0	0	0.023B	0.184B	0.106B	30
31	1.13 B		1.01 B		1.18		0.484	0		0.071B		0.097B	31
TOTAL	33.549	32.08	29.836	59.811	55.93	27.677	24.932	2.460	0	0.096	9.107	4.128	TOTAL
MEAN	1.08	1.11	0.962	1.99	1.80	0.923	0.804	0.079	0	0.003	0.304	0.133	MEAN
MAX	1.40	1.18	1.61	4.22	3.17	1.36	1.02	0.411	0	0.071	0.428	0.166	MAX
MIN	0.906	1.05	0.588	0.872	1.12	0.381	0.425	0	0	0	0.173	0.097	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.784
MAXIMUM DAILY, 4.22B ON APR 5
MINIMUM DAILY, 0 ON AUG 12
MAXIMUM INSTANTANEOUS,
4.65B AT 02:10 CST ON APR 6

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 29 28 N
LONG 101 33 28 W
DRAINAGE AREA, 50 800 km²

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	2 900	JUL	2 150
FEB	2 770	AUG	213
MAR	2 580	SEP	0
APR	5 170	OCT	8.29
MAY	4 830	NOV	787
JUN	2 390	DEC	357

TOTAL DISCHARGE, 24 200 dam³

QUILL CREEK NEAR QUILL LAKE - STATION NO. 05MA020

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1986

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0B	0.265B	0.279	0	0	0	0	0	---	---	1
2	---	---	0B	1.25 B	0.206	0	0	0	0	0	---	---	2
3	---	---	0B	1.34 B	0.185	0	0	0	0	0	---	---	3
4	---	---	0B	2.38 B	0.265	0	0	0	0	0	---	---	4
5	---	---	0B	5.97 B	0.187	0	0	0	0	0	---	---	5
6	---	---	0B	14.0 B	0.163	0	0	0	0	0	---	---	6
7	---	---	0B	14.2	0.151	0	0	0	0	0	---	---	7
8	---	---	0B	12.0	0.130	0	0	0	0	0	---	---	8
9	---	---	0B	7.22	0.155	0	0	0	0	0	---	---	9
10	---	---	0B	6.46	0.185	0	0	0	0	0	---	---	10
11	---	---	0B	5.35	0.119	0	0	0	0	0	---	---	11
12	---	---	0B	4.37	0.077	0	0	0	0	0	---	---	12
13	---	---	0B	3.47	0.053	0	0	0	0	0	---	---	13
14	---	---	0B	2.71	0.080	0	0	0	0	0	---	---	14
15	---	---	0B	2.30	0.108	0	0	0	0	0	---	---	15
16	---	---	0B	1.74	0.088	0	0	0	0	0	---	---	16
17	---	---	0B	1.38	0.052	0	0	0	0	0	---	---	17
18	---	---	0B	1.12	0.047	0	0	0	0	0	---	---	18
19	---	---	0B	1.12	0.035	0	0	0	0	0	---	---	19
20	---	---	0B	0.900	0.023	0	0	0	0	0	---	---	20
21	---	---	0B	0.784	0.017	0	0	0	0	0	---	---	21
22	---	---	0B	0.748	0.012	0	0	0	0	0	---	---	22
23	---	---	0B	0.703	0.008	0	0	0	0	0	---	---	23
24	---	---	0B	0.646	0.005	0	0	0	0	0	---	---	24
25	---	---	0B	0.605	0.005	0	0	0	0	0	---	---	25
26	---	---	0B	0.541	0.002	0	0	0	0	0	---	---	26
27	---	---	0B	0.499	0	0	0	0	0	0	---	---	27
28	---	---	0B	0.448	0	0	0	0	0	0	---	---	28
29	---		0B	0.398	0	0	0	0	0	0	---	---	29
30	---		0B	0.344	0	0	0	0	0	0	---	---	30
31	---		0B		0		0	0		0		---	31
TOTAL	---	---	0	95.267	2.659	0	0	0	0	0	---	---	TOTAL
MEAN	---	---	0	3.18	0.086	0	0	0	0	0	---	---	MEAN
MAX	---	---	0	14.2	0.279	0	0	0	0	0	---	---	MAX
MIN	---	---	0	0.265	0	0	0	0	0	0	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.400
MAXIMUM DAILY, 14.2 ON APR 7
MINIMUM DAILY, 0B ON MAR 1
MAXIMUM INSTANTANEOUS,
15.2 AT 21:56 CST ON APR 6

TYPE OF GAUGE - RECORDING
LOCATION - LAT 52 00 11 N
LONG 104 14 50 W
DRAINAGE AREA, 273 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	0
FEB	---	AUG	0
MAR	0	SEP	0
APR	8 230	OCT	0
MAY	231	NOV	---
JUN	0	DEC	---

TOTAL DISCHARGE, 8 460 dam³

RADVILLE INDEX RESERVOIR - STATION NO. 05NA005

DAILY WATER LEVEL IN METRES FOR 1986

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	29.507E	29.485	29.400E	29.240	28.924	28.582	28.310E	28.187E	28.112E	---	1
2	---	---	29.507A	29.483	29.400E	29.230	28.918	28.589	28.312E	28.194E	28.111E	---	2
3	---	---	29.504	29.479	29.383E	29.219	28.905	28.593	28.305E	28.190E	28.110A	---	3
4	---	---	29.502	29.482	29.386E	29.204	28.896	28.566	28.297E	28.187E	---	---	4
5	---	---	29.513	29.481	29.383E	29.191	28.892	28.577	28.290E	28.184A	---	---	5
6	---	---	29.511	29.478	29.378E	29.176	28.898	28.553	28.284E	28.182	---	---	6
7	---	---	29.512	29.473	29.364E	29.167	28.886	28.547	28.276E	28.180	---	---	7
8	---	---	29.513	29.485	29.360E	29.150	28.877	28.536	28.272E	28.178	---	---	8
9	---	---	29.512	29.487	29.366E	29.141	28.894	28.527A	28.288E	28.173	---	---	9
10	---	---	29.512	29.483	29.360E	29.129	28.853	28.519	28.290E	28.168A	---	---	10
11	---	---	29.515	29.478	29.360E	29.117	28.842	28.508A	28.290E	28.161	---	---	11
12	---	---	29.510	29.473	29.379E	29.101	28.833	28.495A	28.276E	28.158	---	---	12
13	---	---	29.505	29.488	29.366E	29.092	28.829	28.494A	28.271E	28.155	---	---	13
14	---	---	29.503	29.462	29.368E	29.102	28.813	28.474A	28.267E	28.151	---	---	14
15	---	---	29.501	29.459	29.363E	29.103	28.803	28.463A	28.262E	28.148	---	---	15
16	---	---	29.498	29.456	29.356E	29.083	28.793	28.452A	28.258E	28.142	---	---	16
17	---	---	29.497	29.448	29.348E	29.088	28.790	28.441A	28.253E	28.144	---	---	17
18	---	---	29.498	29.442	29.346E	29.072	28.771	28.431A	28.249E	28.138	---	---	18
19	---	---	29.504	29.440	29.343E	29.066	28.782	28.429	28.244E	28.137	---	---	19
20	---	---	29.500	29.432	29.337E	29.048	28.787	28.418	28.240E	28.138	---	---	20
21	---	---	29.500	29.428	29.333E	29.034	28.748	28.400	28.230E	28.130	---	---	21
22	---	---	29.504	29.423	29.324E	29.012	28.732A	28.388	28.232E	28.130	---	---	22
23	---	---	29.503	29.419	29.316E	29.001	28.718	28.390	28.228E	28.123	---	---	23
24	---	---	29.502	29.416	29.307E	28.992	28.698A	28.362	28.224E	28.118	---	---	24
25	---	---	29.498	29.410	29.301E	28.978	28.685A	28.369	28.220E	28.119	---	---	25
26	---	---	29.494	29.404	29.294A	28.958	28.669A	28.353	28.218E	28.118A	---	---	26
27	---	---	29.495	29.402	29.290	28.951	28.657A	28.352	28.212E	28.116E	---	---	27
28	---	---	29.493	29.402A	29.284	28.938	28.645A	28.345	28.208E	28.116E	---	---	28
29	---		29.488	29.386E	29.271	28.923	28.627	28.338	28.204E	28.116E	---	---	29
30	---		29.488	29.387E	29.268	28.932	28.610	28.334A	28.200E	28.114E	---	---	30
31	---		29.485		29.260		28.598	28.327E		28.113E		---	31
MEAN	---	---	29.503	29.449	29.345	29.081	28.763	28.456	28.255	28.149	---	---	MEAN
MAX	---	---	29.515	29.488	29.400	29.240	28.924	28.593	28.319	28.197	---	---	MAX
MIN	---	---	29.485	29.387	29.260	28.923	28.598	28.327	28.200	28.112	---	---	MIN

SUMMARY FOR THE YEAR 1986

WATER LEVELS IN METRES

MAXIMUM DAILY, 29.515 ON MAR 11
MINIMUM DAILY, 28.110A ON NOV 3
MAXIMUM INSTANTANEOUS,
29.529 AT 17:56 CST ON MAR 5

WATER LEVELS ARE REFERRED TO ASSUMED DATUM

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 31 35 N
LONG 104 18 50 W

A - MANUAL GAUGE

E - ESTIMATED

REGULATED

RANCH CREEK ABOVE RANCH LAKE - STATION NO. 05MA025

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0B	0 B	0.027	0E	0E	0E	0E	0E	---	---	1
2	---	---	0B	1.38 B	0.011	0E	0E	0E	0E	0E	---	---	2
3	---	---	0B	9.55 B	0.010	0E	0E	0E	0E	0E	---	---	3
4	---	---	0B	11.6 B	0.008	0E	0E	0E	0E	0E	---	---	4
5	---	---	0B	8.00	0.008	0E	0E	0E	0E	0E	---	---	5
6	---	---	0B	7.43	0.008	0E	0E	0E	0E	0E	---	---	6
7	---	---	0B	5.23	0.057	0E	0E	0E	0E	0E	---	---	7
8	---	---	0B	3.97	0.008	0E	0E	0E	0E	0E	---	---	8
9	---	---	0B	2.29	0.016	0E	0E	0E	0E	0E	---	---	9
10	---	---	0B	1.80	0.007	0E	0E	0E	0E	0E	---	---	10
11	---	---	0B	1.30	0.008	0E	0E	0E	0E	0E	---	---	11
12	---	---	0B	1.14	0.027	0E	0E	0E	0E	0E	---	---	12
13	---	---	0B	1.02	0.008	0E	0E	0E	0E	0E	---	---	13
14	---	---	0B	0.825	0.007	0E	0E	0E	0E	0E	---	---	14
15	---	---	0B	0.585	0.012	0E	0E	0E	0E	0E	---	---	15
16	---	---	0B	0.350	0.007	0E	0E	0E	0E	0E	---	---	16
17	---	---	0B	0.309	0.007	0E	0E	0E	0E	0E	---	---	17
18	---	---	0B	0.285	0.008	0E	0E	0E	0E	0E	---	---	18
19	---	---	0B	0.279	0.009	0E	0E	0E	0E	0E	---	---	19
20	---	---	0B	0.138	0.007	0E	0E	0E	0E	0E	---	---	20
21	---	---	0B	0.083	0.007	0E	0E	0E	0E	0E	---	---	21
22	---	---	0B	0.102	0.008	0E	0E	0E	0E	0E	---	---	22
23	---	---	0B	0.059	0.008	0E	0E	0E	0E	0E	---	---	23
24	---	---	0B	0.360	0.008	0E	0E	0E	0E	0E	---	---	24
25	---	---	0B	0.045	0.008	0E	0E	0E	0E	0E	---	---	25
26	---	---	0B	0.024	0.008	0E	0E	0E	0E	0E	---	---	26
27	---	---	0B	0.013	0.008	0E	0E	0E	0E	0E	---	---	27
28	---	---	0B	0.018	0.007	0E	0E	0E	0E	0E	---	---	28
29	---	---	0B	0.012	0.007	0E	0E	0E	0E	0E	---	---	29
30	---		0B	0.011	0 E	0E	0E	0E	0E	0E	---	---	30
31	---		0B		0 E		0E	0E		0E		---	31
TOTAL	---	---	0	59.272	0.331	0	0	0	0	0	---	---	TOTAL
MEAN	---	---	0	1.98	0.011	0	0	0	0	0	---	---	MEAN
MAX	---	---	0	11.6	0.057	0	0	0	0	0	---	---	MAX
MIN	---	---	0	0	0	0	0	0	0	0	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.243
MAXIMUM DAILY, 11.6B ON APR 4
MINIMUM DAILY, 0B ON MAR 1
MAXIMUM INSTANTANEOUS,
12.9 AT 11:05 CST ON APR 4

TYPE OF GAUGE - RECORDING
LOCATION - LAT 52 24 19 N
LONG 104 47 19 W
DRAINAGE AREA, 170 km^2

B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	0
FEB	---	AUG	0
MAR	0	SEP	0
APR	5 120	OCT	0
MAY	28.6	NOV	---
JUN	0	DEC	---

TOTAL DISCHARGE, 5 150 dam^3

RANCH LAKE NEAR ST. JAMES - STATION NO. 05MA024

DAILY WATER LEVEL IN METRES FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	---	---	---	---	---	---	---	---	1
2	---	---	---	---	---	---	---	---	---	---	---	---	2
3	---	---	---	---	---	---	---	---	---	---	552.428	---	3
4	---	---	---	---	---	---	---	---	---	---	---	---	4
5	---	---	---	---	---	---	---	---	---	---	---	---	5
6	---	---	---	---	---	---	---	---	---	---	---	---	6
7	---	---	---	---	---	---	---	---	---	---	---	---	7
8	---	---	---	---	---	---	---	---	---	---	---	---	8
9	---	---	---	---	---	---	---	---	---	---	---	---	9
10	---	---	---	---	---	---	---	---	---	---	---	---	10
11	---	---	---	---	---	---	---	---	---	---	---	---	11
12	---	---	---	---	552.842	---	---	---	---	---	---	---	12
13	---	---	---	---	---	---	---	---	---	---	---	---	13
14	---	---	---	---	---	---	---	---	---	---	---	---	14
15	---	---	---	---	---	---	---	---	---	---	---	---	15
16	---	---	---	---	---	---	---	---	---	---	---	---	16
17	---	---	---	---	---	---	---	---	---	---	---	---	17
18	---	---	---	---	---	---	---	---	---	---	---	---	18
19	---	---	---	---	---	---	---	---	---	---	---	---	19
20	---	---	---	---	---	---	---	---	---	---	---	---	20
21	---	---	---	---	---	---	---	---	---	---	---	---	21
22	---	---	---	---	---	---	---	---	---	---	---	---	22
23	---	---	---	---	---	---	---	---	---	---	---	---	23
24	---	---	---	---	---	---	---	---	---	---	---	---	24
25	---	---	---	---	---	---	---	---	---	---	---	---	25
26	---	---	---	---	---	---	---	---	---	---	---	---	26
27	---	---	---	---	---	---	---	---	---	---	---	---	27
28	---	---	---	---	---	---	552.593	---	---	---	---	---	28
29	---	---	---	---	---	---	---	---	---	---	---	---	29
30	---		---	---	---	---	---	---	---	---	---	---	30
31	---		---		---		---	---		---		---	31
MEAN	---	---	---	---	---	---	---	---	---	---	---	---	MEAN
MAX	---	---	---	---	---	---	---	---	---	---	---	---	MAX
MIN	---	---	---	---	---	---	---	---	---	---	---	---	MIN

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - MANUAL
LOCATION - LAT 52 28 41 N
LONG 104 46 02 W
DATA CONTRIBUTED BY -
SASKATCHEWAN WATER CORPORATION

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

RED DEER RIVER NEAR ARCHERWILL - STATION NO. 05LA005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0B	0.0318	4.80	0.873	0.488	0.566	0	0	---	---	1
2	---	---	0B	0.0608	4.60	3.51	0.843	0.478	0	0	---	---	2
3	---	---	0B	0.0338	4.18	3.83	0.823	0.456	0	0	---	---	3
4	---	---	0B	0.1498	4.22	0.707	0.088	0.442	0	0	---	---	4
5	---	---	0B	0.1378	4.30	0.882	0.072	0.405	0	0	---	---	5
6	---	---	0B	0.1858	3.90	0.545	0.159	0.342	0	0	---	---	6
7	---	---	0B	0.2138	3.24	0.581	0.149	0.327	0	0	---	---	7
8	---	---	0B	0.3848	3.95	0.555	0.061	0.339	0	0	---	---	8
9	---	---	0B	0.5708	3.30	0.372	0.025	0.328	0	0	---	---	9
10	---	---	0B	1.59 B	3.57	0.289	0.026	0.218	0	0	---	---	10
11	---	---	0B	2.98 B	3.63	0.287	0.035	0.001	0	0	---	---	11
12	---	---	0B	4.36 B	3.36	0.259	0.235	0	0	0	---	---	12
13	---	---	0B	5.58	3.97	0.247	0.582	0	0	0	---	---	13
14	---	---	0B	7.11	3.48	0.229	0.808	0	0	0	---	---	14
15	---	---	0B	8.13	3.33	0.218	0.562	0	0	0	---	---	15
16	---	---	0B	7.88	3.35	0.267	0.777	0	0	0	---	---	16
17	---	---	0B	8.33	3.40	0.218	1.20	0	0	0	---	---	17
18	---	---	0B	8.38	2.59	0.437	0.906	0	0	0	---	---	18
19	---	---	0B	7.98	2.44	0.485	0.261	0	0	0	---	---	19
20	---	---	0B	7.79	2.34	1.88	0.297	0	0	0	---	---	20
21	---	---	0B	7.55	1.89	1.72	0.298	0	0	0	---	---	21
22	---	---	0B	7.38	1.70	1.02	0.288	0	0	0B	---	---	22
23	---	---	0B	7.16	1.57	1.36	0.272	0	0	0B	---	---	23
24	---	---	0B	6.80	1.64	1.22	0.227	0	0	0B	---	---	24
25	---	---	0B	6.89	1.25	1.28	0.021	0	0	0B	---	---	25
26	---	---	0B	6.54	1.39	0.846	0.040	0	0	0B	---	---	26
27	---	---	0B	6.42	1.27	0.320	0.083	0.258	0	0B	---	---	27
28	---	---	0B	5.98	1.26	0.576	0.183	2.05	0	0B	---	---	28
29	---	---	0B	5.79	1.18	0.785	0.610	0	0	0B	---	---	29
30	---		0B	5.38	1.18	0.646	0.632	0	0	0B	---	---	30
31	---		0B		1.18		0.544	0		0B		---	31
TOTAL	---	---	0	137.182	88.05	26.876	10.913	6.196	0	0	---	---	TOTAL
MEAN	---	---	0	4.57	2.84	0.896	0.352	0.200	0	0	---	---	MEAN
MAX	---	---	0	8.38	4.80	3.83	1.20	2.05	0	0	---	---	MAX
MIN	---	---	0	0.031	1.18	0.218	0.021	0	0	0	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.10
MAXIMUM DAILY, 8.38 ON APR 18
MINIMUM DAILY, 0B ON MAR 1
MAXIMUM INSTANTANEOUS,
8.54 AT 12:48 CST ON APR 18

TYPE OF GAUGE - RECORDING
LOCATION - LAT 52 26 06 N
LONG 103 41 49 W
DRAINAGE AREA, 1 570 km²

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	943
FEB	---	AUG	535
MAR	0	SEP	0
APR	11 900	OCT	0
MAY	7 610	NOV	---
JUN	2 320	DEC	---

TOTAL DISCHARGE, 23 300 dam³

RED DEER RIVER NEAR ERWOOD - STATION NO. 05LC001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.733B	0.368B	0.572B	1.06B	61.0	14.0	2.14	0.852	4.88	4.32	1.89	1.52 B	1
2	0.726B	0.358B	0.498B	1.26B	75.5	12.3	1.89	0.884	4.07	4.28	1.84	1.74 B	2
3	0.762B	0.363B	0.487B	1.98B	93.2	11.0	1.87	0.813	3.57	4.19	1.93	2.09 B	3
4	0.821B	0.344B	0.409B	5.63B	101	8.97	1.78	0.782	3.10	4.11	1.88	2.36 B	4
5	0.810B	0.350B	0.411B	8.86B	92.3	8.83	1.59	0.700	2.89	3.85	1.91	2.14 B	5
6	0.488B	0.395B	0.450B	14.8 B	81.7	7.92	1.48	0.608	2.37	3.59	1.84	2.18 B	6
7	0.547B	0.415B	0.531B	27.7 B	74.4	8.01	1.43	0.528	1.85	3.51	1.97	1.85 B	7
8	0.577B	0.456B	0.617B	46.1 B	70.0	7.48	1.26	0.530	1.58	3.36	2.13	1.54 B	8
9	0.818B	0.473B	0.686B	44.8 B	64.8	6.45	1.18	0.484	1.42	3.28	2.03	1.32 B	9
10	0.478B	0.541B	0.595B	80.5 B	59.3	5.69	1.18	0.480	1.26	2.98	1.98	1.28 B	10
11	0.219B	0.639B	0.704B	72.4 B	54.3	5.45	1.13	0.415	1.85	2.81	1.73	1.15 B	11
12	0.158B	0.703B	0.645B	157	50.2	4.86	1.05	0.393	2.87	2.84	2.18	1.31 B	12
13	0.184B	0.776B	0.549B	253	46.2	4.38	1.75	0.388	3.04	2.57	1.80	1.76 B	13
14	0.226B	0.857B	0.463B	226	43.8	3.84	2.24	0.352	2.80	2.47	1.98	1.10 B	14
15	0.333B	0.936B	0.423B	180	39.9	3.83	2.09	0.440	2.61	2.31	1.98	0.790B	15
16	0.331B	0.984B	0.450B	157	37.5	3.42	3.20	0.539	2.38	2.20	1.92	0.808B	16
17	0.321B	1.08 B	0.423B	114	34.6	3.01	3.76	0.548	2.73	2.14	1.91	0.522B	17
18	0.308B	1.06 B	0.384B	91.5	32.3	2.60	3.94	0.500	2.83	2.03	1.80	0.525B	18
19	0.358B	0.940B	0.361B	80.6	30.9	2.28	4.30	0.481	2.86	1.92	1.61	0.890B	19
20	0.484B	0.857B	0.374B	69.3	28.0	2.07	4.10	0.424	2.59	1.93	1.82	0.697B	20
21	0.605B	0.863B	0.421B	60.9	26.8	1.77	4.15	0.898	3.00	1.88	1.76	0.390B	21
22	0.719B	0.812B	0.448B	54.6	24.7	1.60	3.93	0.866	3.11	1.88	1.77	0.266B	22
23	0.608B	0.789B	0.477B	48.1	22.4	1.38	3.81	2.39	2.81	1.73	1.98	0.236B	23
24	0.563B	0.754B	0.536B	44.2	20.5	1.28	3.45	4.78	2.73	1.88	2.22	0.213B	24
25	0.527B	0.718B	0.593B	40.5	19.6	1.39	3.30	5.38	2.88	1.57	2.05	0.217B	25
26	0.502B	0.701B	0.666B	37.7	18.7	1.31	2.88	6.01	3.03	1.34	2.05	0.287B	26
27	0.486B	0.653B	0.777B	35.4	19.3	1.25	2.35	6.08	3.20	1.32	1.738	0.400B	27
28	0.507B	0.595B	0.832B	34.4	18.8	1.21	1.88	6.09	3.26	1.30	1.528	0.458B	28
29	0.488B	0.588B	0.762B	35.2	16.9	1.79	1.47	6.34	3.78	1.50	1.798	0.467B	29
30	0.448B		0.878B	40.0	17.0	2.11	1.19	5.89	4.17	1.52	1.639	0.333B	30
31	0.422B		1.02 B		15.4		0.898	5.28		1.81		0.386B	31
TOTAL	15.401	18.278	17.574	2 057.99	1 385.3	142.78	72.648	60.757	84.82	77.87	56.58	31.045	TOTAL
MEAN	0.497	0.686	0.567	68.6	44.7	4.76	2.34	1.96	2.83	2.51	1.89	1.00	MEAN
MAX	0.821	1.08	1.02	253	101	14.0	4.30	6.38	4.88	4.32	2.22	2.36	MAX
MIN	0.158	0.343	0.361	1.06	15.4	1.21	0.898	0.353	1.26	1.30	1.52	0.213	MIN

SUMMARY FOR THE YEAR 1988

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 11.0
MAXIMUM DAILY, 253 ON APR 13
MINIMUM DAILY, 0.158B ON JAN 12
MAXIMUM INSTANTANEOUS,
292 AT 23:53 CST ON APR 12

TYPE OF GAUGE - RECORDING
LOCATION - LAT 52 51 38 N
LONG 102 11 38 W
DRAINAGE AREA, 11 000 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	1 330	JUL	6 280
FEB	1 570	AUG	5 250
MAR	1 520	SEP	7 330
APR	178 000	OCT	6 730
MAY	120 000	NOV	4 890
JUN	12 300	DEC	2 680

TOTAL DISCHARGE, 349 000 dam³

RED DEER RIVER NEAR STEEN - STATION NO. 05LB005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.076B	0.813B	11.2	2.47	0.828	0.514	0.038	0.001	0.026B	---	1
2	---	---	0.076B	1.15 B	10.8	2.21	0.879	0.550	0.033	0.023	0.020B	---	2
3	---	---	0.076B	1.73 B	10.1	2.75	0.784	0.878	0.115	0.119	---	---	3
4	---	---	0.080B	1.53 B	9.48	3.87	0.730	0.828	0.208	0.159	---	---	4
5	---	---	0.108B	1.30 B	9.03	2.43	0.785	0.525	0.186	0.144	---	---	5
6	---	---	0.152B	1.55 B	8.84	1.83	0.784	0.382	0.130	0.130	---	---	6
7	---	---	0.176B	2.42 B	8.83	1.36	0.595	0.381	0.077	0.138	---	---	7
8	---	---	0.152B	7.13 B	8.08	1.12	0.481	0.403	0.083	0.149	---	---	8
9	---	---	0.133B	9.85 B	7.68	1.25	0.349	0.378	0.017	0.131	---	---	9
10	---	---	0.134B	10.3 B	7.38	1.20	0.279	0.381	0.017	0.083	---	---	10
11	---	---	0.186B	9.88 B	7.00	0.988	0.217	0.347	0.027	0.088	---	---	11
12	---	---	0.228B	13.1 B	6.99	0.859	0.186	0.383	0.020	0.054	---	---	12
13	---	---	0.079B	16.0 B	6.67	0.740	0.178	0.302	0.005	0.044	---	---	13
14	---	---	0.082B	17.6 B	6.56	0.582	0.210	0.213	0.001	0.023	---	---	14
15	---	---	0.129B	20.3	6.36	0.528	0.256	0.204	0	0.050	---	---	15
16	---	---	0.173B	21.1	6.21	0.428	0.825	0.435	0	0.088	---	---	16
17	---	---	0.193B	21.6	6.13	0.359	0.874	0.542	0	0.128	---	---	17
18	---	---	0.174B	21.2	5.78	0.409	0.879	0.485	0	0.184	---	---	18
19	---	---	0.182B	19.6	5.27	0.428	1.23	0.508	0	0.242	---	---	19
20	---	---	0.221B	18.0	5.00	0.402	1.16	0.232	0	0.201	---	---	20
21	---	---	0.257B	17.3	4.70	0.582	0.884	0.300	0	0.334B	---	---	21
22	---	---	0.284B	15.5	4.38	1.41	0.858	0.540	0	0.444B	---	---	22
23	---	---	0.373B	15.8	3.82	1.39	0.535	0.501	0	0.358B	---	---	23
24	---	---	0.512B	15.1	3.59	1.28	0.486	0.505	0	0.305B	---	---	24
25	---	---	0.578B	14.6	3.75	1.38	0.447	0.503	0	0.327B	---	---	25
26	---	---	0.721B	14.1	3.43	1.30	0.405	0.476	0	0.336B	---	---	26
27	---	---	0.768B	13.5	3.16	1.31	0.458	0.351	0	0.342B	---	---	27
28	---	---	0.744B	12.9	3.08	1.10	0.503	0.219	0.005	0.258B	---	---	28
29	---	0.076B	0.621B	12.2	2.90	0.848	0.451	0.184	0.018	0.146B	---	---	29
30	---		0.481B	11.5	2.86	0.728	0.531	0.119	0.005	0.071B	---	---	30
31	---		0.468B		2.56		0.467	0.058		0.041B		---	31
TOTAL	---	---	8.643	359.453	181.22	37.421	18.513	12.358	0.857	5.136	---	---	TOTAL
MEAN	---	---	0.279	12.0	5.17	1.25	0.597	0.399	0.032	0.166	---	---	MEAN
MAX	---	---	0.768	21.6	11.2	3.87	1.23	0.878	0.208	0.444	---	---	MAX
MIN	---	---	0.076	0.813	2.56	0.359	0.178	0.058	0	0.001	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 2.59
MAXIMUM DAILY, 21.6 ON APR 17
MINIMUM DAILY, 0 ON SEP 15
MAXIMUM INSTANTANEOUS,
21.7 AT 07:50 CST ON APR 17

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 52 38 15 N
LONG 103 30 55 W
DRAINAGE AREA, 3 500 km²

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	1 600
FEB	---	AUG	1 070
MAR	747	SEP	63.5
APR	31 100	OCT	444
MAY	15 500	NOV	---
JUN	3 230	DEC	---

TOTAL DISCHARGE, 54 600 dam³

REDBERRY LAKE NEAR KRYDOR - STATION NO. 05GD003

DAILY WATER LEVEL IN METRES FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	---	---	---	---	---	---	---	---	1
2	---	---	---	---	---	---	---	---	---	---	---	---	2
3	---	---	---	---	---	---	---	---	---	---	---	---	3
4	---	---	---	---	---	---	---	---	---	---	---	---	4
5	---	---	---	---	---	---	---	---	---	---	---	---	5
6	---	---	---	---	---	---	---	---	---	---	---	---	6
7	---	---	---	---	---	---	---	---	---	---	---	---	7
8	---	---	---	---	---	---	---	---	---	---	---	---	8
9	---	---	---	---	---	---	---	---	---	---	---	---	9
10	---	---	---	---	---	---	---	---	---	---	---	---	10
11	---	---	---	---	504.304	---	---	---	---	---	---	---	11
12	---	---	---	---	---	---	---	---	---	---	---	---	12
13	---	---	---	---	---	---	---	---	---	---	---	---	13
14	---	---	---	---	---	---	---	---	---	504.075	---	---	14
15	---	---	---	---	---	---	---	---	---	---	---	---	15
16	---	---	---	---	---	---	---	---	---	---	---	---	16
17	---	---	---	---	---	---	---	---	---	---	---	---	17
18	---	---	---	---	504.295	---	---	---	---	---	---	---	18
19	---	---	---	---	---	---	---	---	---	---	---	---	19
20	---	---	---	---	---	504.232	---	---	---	---	---	---	20
21	---	---	---	---	---	---	---	---	---	---	---	---	21
22	---	---	---	---	---	---	---	---	---	---	---	---	22
23	---	---	---	---	---	---	---	---	---	---	---	---	23
24	---	---	---	---	---	---	---	---	---	---	---	---	24
25	---	---	---	---	---	---	---	---	---	---	---	---	25
26	---	---	---	---	---	---	---	504.180	---	---	---	---	26
27	---	---	---	---	---	---	---	---	---	---	---	---	27
28	---	---	---	---	---	---	---	---	---	---	---	---	28
29	---	---	---	---	---	---	---	---	---	---	---	---	29
30	---		---	---	---	---	---	---	---	---	---	---	30
31	---		---		---		---	---		---		---	31
MEAN	---	---	---	---	---	---	---	---	---	---	---	---	MEAN
MAX	---	---	---	---	---	---	---	---	---	---	---	---	MAX
MIN	---	---	---	---	---	---	---	---	---	---	---	---	MIN

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - MANUAL
LOCATION - LAT 52 41 46 N
LONG 107 06 23 W
DATA CONTRIBUTED BY -
SASKATCHEWAN WATER CORPORATION

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

REID LAKE NEAR DUNCAIRN - STATION NO. 05HD033

DAILY WATER LEVEL IN METRES FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	804.890E	804.831	804.858	805.083	804.657	803.881	803.678	803.390	803.181	803.052A	803.003	803.017	1
2	804.890E	804.829	804.874	805.081	804.650	803.862	803.680	803.398	803.171	803.053A	803.005	803.016	2
3	804.890E	804.827	804.887	805.082	804.634	803.846	803.674	803.391	803.168	803.049A	803.001	803.015	3
4	804.890E	804.825	804.902	805.077	804.613	803.835	803.670	803.386	803.160	803.047A	803.000	803.016	4
5	804.890E	804.826	804.918	805.073	804.573	803.830	803.668	803.377	803.156	803.047A	803.004	803.016	5
6	804.869A	804.827	804.931	805.069	804.548	803.820	803.664	803.373	803.149	803.045A	803.016	803.017	6
7	804.884	804.824	804.941	805.060	804.507	803.807	803.652	803.361	803.141	803.046	803.011	803.014	7
8	804.880	804.818	804.954	805.038	804.507	803.783	803.642	803.347	803.128	803.041	803.002	803.016A	8
9	804.878	804.814	804.968	805.028	804.486	803.805	803.632	803.336	803.105A	803.039	802.996	803.015	9
10	804.874	804.815	804.980	805.018	804.462	803.784	803.621	803.320	803.088	803.039A	803.001	803.017	10
11	804.867	804.818	804.990	805.003	804.443	803.794	803.615	803.313	803.101	803.036	803.005	803.020	11
12	804.867	804.820	805.004	804.982	804.408	803.776	803.610	803.311	803.110	803.038A	803.005	803.024	12
13	804.864	804.815	805.015	804.963	804.388	803.783	803.601	803.311	803.106	803.036	803.002	803.033	13
14	804.865	804.812	805.026	804.942	804.353	803.789	803.588	803.301	803.107	803.040	802.994	803.037	14
15	804.867	804.811	805.033	804.922	804.318	803.785	803.580	803.286	803.108	803.031	803.002	803.041	15
16	804.863	804.811	805.040	804.887	804.289	803.785	803.573	803.273	803.098	803.024A	803.003	803.041	16
17	804.860	804.808	805.048	804.864	804.259	803.781	803.556	803.268	803.083	803.030A	803.003	803.041	17
18	804.858	804.806	805.055	804.840	804.222	803.780	803.556	803.269	803.080	803.025A	803.004	803.043	18
19	804.855	804.804	805.064	804.813	804.187	803.781	803.545	803.265	803.082A	803.025A	803.005	803.044	19
20	804.855	804.808	805.066	804.780	804.161	803.784	803.542	803.258	803.075	803.024A	803.007	803.046	20
21	804.852	804.810	805.073	804.780	804.131	803.740	803.539	803.259	803.078	803.023A	803.007	803.045	21
22	804.849	804.801	805.084	804.747	804.113	803.737	803.532	803.254	803.078A	803.018A	803.010	803.050	22
23	804.854	804.801	805.082	804.730	804.087	803.734	803.518	803.238	803.087A	803.008A	803.011	803.053	23
24	804.849	804.810	805.095	804.703	804.047	803.722	803.510	803.227	803.084A	803.008A	803.010	803.052	24
25	804.850	804.818	805.095	804.684	804.028	803.704	803.485	803.228	803.063	803.004A	803.010	803.052	25
26	804.851	804.824	805.102	804.669	804.008	803.695	803.480	803.212	803.063A	803.003A	803.011	803.053	26
27	804.849	804.827	805.112	804.680	803.980	803.684	803.473	803.211A	803.061E	803.001	803.012	803.052A	27
28	804.848	804.838	805.101	804.687	803.954	803.672	803.460	803.209A	803.060E	802.999	803.014	803.054	28
29	804.845	804.848	805.093	804.680	803.937	803.663	803.448	803.208	803.061A	803.000	803.013	803.056	29
30	804.837		805.085	804.672	803.920	803.679	803.438	803.193	803.053	803.001	803.014	803.056	30
31	804.830		805.083		803.907		803.420	803.186		803.002		803.057	31
MEAN	804.864	804.818	805.018	804.868	804.283	803.770	803.570	803.289	803.101	803.027	803.006	803.035	MEAN
MAX	804.890	804.848	805.112	805.083	804.657	803.881	803.680	803.398	803.181	803.053	803.016	803.058	MAX
MIN	804.830	804.801	804.858	804.672	803.907	803.663	803.420	803.186	803.053	802.999	802.994	803.014	MIN

WATER LEVELS IN METRES

MEAN, 803.886
MAXIMUM DAILY, 805.112 ON MAR 27
MINIMUM DAILY, 802.994 ON NOV 14
MAXIMUM INSTANTANEOUS,
805.142 AT 17:51 CST ON MAR 27

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 04 25 N
LONG 108 02 47 W

A - MANUAL GAUGE

E - ESTIMATED

REGULATED SINCE 1945

DRAINAGE AREA,
2 470 km²

REINDEER RIVER ABOVE DEVIL RAPIDS - STATION NO. 06DD002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	568	560	548	440	418	369	285	425	476E	378E	380E	378E	1
2	567	560	545	430	420	372	285	425	476E	378E	384E	377E	2
3	568	560	543	425	423	406	284	431E	476E	378E	384E	377E	3
4	567	558	542	421	423	420	285	431E	476E	374E	377E	377E	4
5	568	556	542	418	422	425	287	431E	469E	378E	379E	377E	5
6	581	555	541	414	418	428	276	438E	474E	378E	382E	377E	6
7	581	554	537	415	418	427	222	429E	474E	378E	382E	377E	7
8	598	554	535	417	418	426	189	424E	474E	378E	382E	378E	8
9	590	552	534	415	419	429	187	434E	474E	378E	377E	378E	9
10	599	552	536	413	418	430	179	438E	474E	378E	379E	379A	10
11	599	553	534	412	415	430	174	434E	476E	367E	379E	383	11
12	600	554	532	409	415	431	171	472E	476E	374E	379E	387	12
13	600	555	531	408	415	429	181	478E	474E	378E	384E	386	13
14	598	553	530	406	417	429	242	478E	474E	378E	379E	378	14
15	602	553	527	405	417	429	267	478E	474E	373E	378E	377	15
16	603	554	526	404	417	429	279	478E	421E	374E	379E	386	16
17	600	554	526	402	421	430	287	478E	388E	369E	378E	386	17
18	598	554	525	400	424	432	292	478E	384E	372E	382E	387	18
19	595	554	523	399	418	432	298	478E	384E	372E	379E	387	19
20	596	552	523	397	382	430	301	478E	379E	374E	379E	387	20
21	596	552	526	385	373	431	303	481E	379E	382E	378E	387	21
22	592	553	523	382	366	432	328	479E	381E	384E	375E	387	22
23	578	551	518	383	364	432	365	481E	381E	388E	377E	385	23
24	570	549	522	383	366	387	405	481E	381E	388E	377E	386	24
25	568	548	526	382	371	334	414	481E	381E	388E	377E	379	25
26	565	550	522	381	371	313	420	481E	379E	388E	377E	378	26
27	562	551	520	380	372	303	423	481E	379E	388E	378E	378	27
28	561	551	518	381	375	295	425	474E	376E	388E	378E	378	28
29	561	548	518	386	374	290	425	474E	377A	388E	378E	374	29
30	562		508	405	371	288	425	471E	376E	384E	378E	374	30
31	563		467		370		423	471E		384E		374	31
TOTAL	18 167	16 063	16 343	12 188	12 412	11 950	9 368	14 292	12 880	11 724	11 373	11 784	TOTAL
MEAN	586	554	527	406	400	398	302	461	429	378	379	380	MEAN
MAX	603	560	548	440	424	432	425	481	476	388	384	387	MAX
MIN	561	548	467	380	364	288	171	424	376	367	375	374	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 433
MAXIMUM DAILY, 603 ON JAN 16
MINIMUM DAILY, 171 ON JUL 12
MAXIMUM INSTANTANEOUS,
604 AT 04:57 CST ON JAN 16

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 56 11 35 N
LONG 103 09 31 W
DRAINAGE AREA, 63 300 km²
A - MANUAL GAUGE

E - ESTIMATED
REGULATED SINCE 1936

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	1 570 000	JUL	809 000
FEB	1 390 000	AUG	1 230 000
MAR	1 410 000	SEP	1 110 000
APR	1 050 000	OCT	1 010 000
MAY	1 070 000	NOV	983 000
JUN	1 030 000	DEC	1 020 000

TOTAL DISCHARGE, 13 700 000 dam³

RICHARDSON DITCH NEAR CONSUL - STATION NO. 11AB058

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0	0	0	0	0	0	0	0	---	---	1
2	---	---	0	0	0	0	0	0	0	0	---	---	2
3	---	---	0	0	0	0	0	0	0	0	---	---	3
4	---	---	0	0	0	0	0	0	0	0	---	---	4
5	---	---	0	0	0	0	0	0	0	0	---	---	5
6	---	---	0	0	0	0	0	0	0	0	---	---	6
7	---	---	0	0	0	0	0	0	0	0	---	---	7
8	---	---	0	0	0	0	0	0	0	0	---	---	8
9	---	---	0	0	0.008A	0	0	0	0	0	---	---	9
10	---	---	0	0	0.832	0	0	0	0	0	---	---	10
11	---	---	0	0	1.20	0	0	0	0	0	---	---	11
12	---	---	0	0	1.32	0	0	0	0	0	---	---	12
13	---	---	0	0	1.36	0	0	0	0	0	---	---	13
14	---	---	0	0	1.38	0	0	0	0	0	---	---	14
15	---	---	0	0	1.40	0	0	0	0	0	---	---	15
16	---	---	0	0	1.49	0	0	0	0	0	---	---	16
17	---	---	0	0	1.50	0	0	0	0	0	---	---	17
18	---	---	0	0	1.49	0	0	0	0	0	---	---	18
19	---	---	0	0	1.48	0	0	0	0	0	---	---	19
20	---	---	0	0	1.46	0	0	0	0	0	---	---	20
21	---	---	0	0	1.34	0	0	0	0	0	---	---	21
22	---	---	0	0	1.31	0	0	0	0	0	---	---	22
23	---	---	0	0	1.30	0	0	0	0	0	---	---	23
24	---	---	0	0	1.28	0	0	0	0	0	---	---	24
25	---	---	0	0	1.07	0	0	0	0	0	---	---	25
26	---	---	0	0	0.330	0	0	0	0	0	---	---	26
27	---	0	0	0	0	0	0	0	0	0	---	---	27
28	---	0	0	0	0	0	0	0	0	0	---	---	28
29	---	0	0	0	0	0	0	0	0	0	---	---	29
30	---		0	0	0	0	0	0	0	0	---	---	30
31	---		0		0		0	0		0		---	31
TOTAL	---	---	0	0	21.550	0	0	0	0	0	---	---	TOTAL
MEAN	---	---	0	0	0.695	0	0	0	0	0	---	---	MEAN
MAX	---	---	0	0	1.50	0	0	0	0	0	---	---	MAX
MIN	---	---	0	0	0	0	0	0	0	0	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.088
MAXIMUM DAILY, 1.50 ON MAY 17
MINIMUM DAILY, 0 ON MAR 1

INTERNATIONAL GAUGING STATION
TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 21 50 N
LONG 109 32 12 W

A - MANUAL GAUGE

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	0
FEB	---	AUG	0
MAR	0	SEP	0
APR	0	OCT	0
MAY	1 870	NOV	---
JUN	0	DEC	---

TOTAL DISCHARGE, 1 870 dam³

RIDGE CREEK NEAR BRIDGEFORD - STATION NO. 05JG013

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	0 B	0.005B	0.039	0.003	0	0	0	0	0	---	---	1
2	---	0 B	0.006B	0.051	0.005	0	0	0	0	0	---	---	2
3	---	0 B	0.007B	0.052	0.005	0	0	0	0	0	---	---	3
4	---	0 B	0.008B	0.050	0.004	0	0	0	0	0	---	---	4
5	---	0 B	0.009B	0.047	0.004	0	0	0	0	0	---	---	5
6	---	0 B	0.011B	0.044	0.005	0	0	0	0	0	---	---	6
7	---	0 B	0.014B	0.039	0.004	0	0	0	0	0	---	---	7
8	---	0 B	0.016B	0.037	0.005	0	0	0	0	0	---	---	8
9	---	0 B	0.021B	0.018	0.004	0	0	0	0	0	---	---	9
10	---	0 B	0.025B	0.020	0.004	0	0	0	0	0	---	---	10
11	---	0 B	0.020B	0.024	0.011	0.001	0	0	0	0	---	---	11
12	---	0 B	0.016B	0.005	0.011	0.002	0	0	0	0	---	---	12
13	---	0 B	0.013B	0.006	0.014	0.001	0	0	0	0	---	---	13
14	---	0 B	0.012B	0.004	0.008	0.001	0	0	0	0	---	---	14
15	---	0 B	0.012B	0.005	0.008	0.001	0	0	0	0	---	---	15
16	---	0 B	0.012B	0.005	0.011	0.001	0	0	0	0	---	---	16
17	---	0 B	0.013B	0.005	0.008	0.001	0	0	0	0	---	---	17
18	---	0 B	0.017B	0.004	0.008	0	0	0	0	0	---	---	18
19	---	0 B	0.019B	0.005	0.003	0	0	0	0	0	---	---	19
20	---	0 B	0.019B	0.004	0.003	0	0	0	0	0	---	---	20
21	---	0 B	0.025B	0.004	0.003	0	0	0	0	0	---	---	21
22	---	0 B	0.033B	0.003	0.002	0	0	0	0	0	---	---	22
23	---	0 B	0.034B	0.004	0.001	0	0	0	0	0	---	---	23
24	---	0 B	0.041B	0.003	0.001	0	0	0	0	0	---	---	24
25	---	0 B	0.026B	0.003	0.002	0	0	0	0	0	---	---	25
26	---	0 B	0.026B	0.005	0.001	0	0	0	0	0	---	---	26
27	---	0.001B	0.034B	0.003	0.001	0	0	0	0	0	---	---	27
28	---	0.003B	0.027B	0.002	0.001	0	0	0	0	0	---	---	28
29	---	0.005B	0.025B	0.003	0.001	0	0	0	0	0	---	---	29
30	---		0.025B	0.003	0.001	0	0	0	0	0	---	---	30
31	---		0.030B		0.001		0	0		0		---	31
TOTAL	---	0.009	0.603	0.498	0.142	0.008	0	0	0	0	---	---	TOTAL
MEAN	---	0	0.019	0.017	0.005	0	0	0	0	0	---	---	MEAN
MAX	---	0.005	0.041	0.052	0.014	0.002	0	0	0	0	---	---	MAX
MIN	---	0	0.005	0.002	0.001	0	0	0	0	0	---	---	MIN

SUMMARY FOR THE MONTHS FEB TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.005
MAXIMUM DAILY, 0.052 ON APR 3
MINIMUM DAILY, 0B ON FEB 1
MAXIMUM INSTANTANEOUS,
0.055 AT 03:42 CST ON APR 3

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 57 05 N
LONG 108 19 48 W
DRAINAGE AREA, 480 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	0
FEB	0.78	AUG	0
MAR	52.1	SEP	0
APR	43.0	OCT	0
MAY	12.3	NOV	---
JUN	0.69	DEC	---

TOTAL DISCHARGE, 109 dam³

ROCK CREEK BELOW HORSE CREEK NEAR INTERNATIONAL BOUNDARY - STATION NO. 11AE003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.004B	0B	0 B	0.399	0.061	0.015	0	0	0	0	0	0.007B	1
2	0.003B	0B	0 B	0.425	0.061	0.014	0	0	0	0	0.001	0.007B	2
3	0.001B	0B	0 B	0.399	0.064	0.012	0	0	0	0	0.001	0.007B	3
4	0 B	0B	0 B	0.425	0.061	0.009	0.001	0	0	0	0.001	0.007B	4
5	0 B	0B	0.028B	0.388	0.061	0.007	0	0	0	0	0.001	0.007B	5
6	0 B	0B	0.086B	0.368	0.057	0.005	0.001	0	0	0	0	0.006B	6
7	0 B	0B	0.142B	0.311	0.311	0.003	0	0	0	0	0	0.005B	7
8	0 B	0B	0.142B	0.311	0.863	0.001	0	0	0	0	0	0.003B	8
9	0 B	0B	0.127B	0.280	1.08	0	0	0	0	0	0	0.003B	9
10	0 B	0B	0.113B	0.232	0.623	0	0	0	0	0	0	0.002B	10
11	0 B	0B	0.105B	0.212	0.483	0	0	0	0	0	0	0.002B	11
12	0 B	0B	0.088B	0.204	0.283	0	0	0	0	0	0	0.003B	12
13	0 B	0B	0.091B	0.181	0.198	0.003	0	0	0	0	0	0.004B	13
14	0 B	0B	0.085B	0.156	0.144	0.013	0	0	0	0	0	0.003B	14
15	0 B	0B	0.079B	0.138	0.110	0.007	0	0	0	0	0.001	0.003B	15
16	0 B	0B	0.078B	0.122	0.102	0.004	0	0	0	0	0.001	0.002B	16
17	0 B	0B	0.076B	0.105	0.082	0.001	0	0	0	0	0.001	0.003B	17
18	0 B	0B	0.085B	0.089	0.071	0.005	0.001	0	0	0	0.001	0.003B	18
19	0 B	0B	0.088B	0.084	0.065	0.015	0.001	0	0	0	0	0.003B	19
20	0 B	0B	0.113B	0.082	0.057	0.012	0	0	0	0	0.001	0.002B	20
21	0 B	0B	0.142B	0.076	0.048	0.009	0	0	0	0	0.001	0.002B	21
22	0 B	0B	0.198B	0.074	0.042	0.005	0	0	0	0	0.004	0.001B	22
23	0 B	0B	0.286B	0.071	0.040	0.002	0	0	0	0	0.015	0.001B	23
24	0 B	0B	0.311B	0.062	0.034	0.001	0	0	0	0	0.012	0.001B	24
25	0 B	0B	0.368B	0.059	0.026	0	0	0	0	0	0.010B	0 B	25
26	0 B	0B	0.453B	0.059	0.025	0	0	0	0	0	0.007B	0 B	26
27	0 B	0B	0.510B	0.059	0.022	0	0	0	0	0	0.006B	0 B	27
28	0 B	0B	0.425B	0.057	0.020	0	0	0	0	0	0.006B	0 B	28
29	0 B	0B	0.368B	0.054	0.017	0	0	0	0	0	0.006B	0 B	29
30	0 B		0.340B	0.051	0.015	0.001	0	0	0	0	0.006B	0 B	30
31	0 B		0.368B		0.016		0	0		0		0 B	31
TOTAL	0.008	0	5.308	5.553	5.161	0.144	0.004	0	0	0	0.086	0.087	TOTAL
MEAN	0	0	0.171	0.185	0.166	0.005	0	0	0	0	0.003	0.003	MEAN
MAX	0.004	0	0.510	0.425	1.08	0.015	0.001	0	0	0	0.015	0.007	MAX
MIN	0	0	0	0.051	0.015	0	0	0	0	0	0	0	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.045
MAXIMUM DAILY, 1.08 ON MAY 9
MINIMUM DAILY, 0B ON JAN 4
MAXIMUM INSTANTANEOUS,
1.47 AT 00:45 CST ON MAY 9

DATA CONTRIBUTED BY -
UNITED STATES GEOLOGICAL SURVEY

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 48 58 10 N
LONG 105 50 20 W
DRAINAGE AREA, 837 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	0.69	JUL	0.35
FEB	0	AUG	0
MAR	459	SEP	0
APR	480	OCT	0
MAY	446	NOV	7.43
JUN	12.4	DEC	7.52

TOTAL DISCHARGE, 1 410 dam³

ROMANCE CREEK NEAR WATSON - STATION NO. 05MA018

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0B	1.30 B	0.008	0.001	0	0	0	0	---	---	1
2	---	---	0B	4.50 B	0.007	0.001	0	0	0	0	---	---	2
3	---	---	0B	4.77 B	0.006	0	0	0	0	0	---	---	3
4	---	---	0B	10.1 B	0.005	0	0	0	0	0	---	---	4
5	---	---	0B	9.49 B	0.005	0	0	0	0	0	---	---	5
6	---	---	0B	8.73	0.004	0	0	0	0	0	---	---	6
7	---	---	0B	9.19	0.004	0	0	0	0	0	---	---	7
8	---	---	0B	10.4	0.004	0	0	0	0	0	---	---	8
9	---	---	0B	8.72	0.003	0	0	0	0	0	---	---	9
10	---	---	0B	6.14	0.003	0	0	0	0	0	---	---	10
11	---	---	0B	4.78	0.003	0	0	0	0	0	---	---	11
12	---	---	0B	3.09	0.003	0	0	0	0	0	---	---	12
13	---	---	0B	2.09	0.003	0	0	0	0	0	---	---	13
14	---	---	0B	1.80	0.003	0	0	0	0	0	---	---	14
15	---	---	0B	1.26	0.003	0	0	0	0	0	---	---	15
16	---	---	0B	1.02	0.003	0	0	0	0	0	---	---	16
17	---	---	0B	0.805	0.003	0	0	0	0	0	---	---	17
18	---	---	0B	0.812	0.003	0	0	0	0	0	---	---	18
19	---	---	0B	0.833	0.002	0	0	0	0	0	---	---	19
20	---	---	0B	0.648	0.003	0	0	0	0	0	---	---	20
21	---	---	0B	0.457	0.282	0	0	0	0	0	---	---	21
22	---	---	0B	0.368	0.183	0	0	0	0	0	---	---	22
23	---	---	0B	0.275	0.103	0	0	0	0	0	---	---	23
24	---	---	0B	0.220	0.073	0	0	0	0	0	---	---	24
25	---	---	0B	0.176	0.061	0	0	0	0	0	---	---	25
26	---	---	0B	0.105	0.035	0	0	0	0	0	---	---	26
27	---	---	0B	0.056	0.021	0	0	0	0	0	---	---	27
28	---	---	0B	0.037	0.006	0	0	0	0	0	---	---	28
29	---	---	0B	0.020	0.003	0	0	0	0	0	---	---	29
30	---		0B	0.008	0.002	0	0	0	0	0	---	---	30
31	---		0B		0.001		0	0		0		---	31
TOTAL	---	---	0	91.713	0.828	0.002	0	0	0	0	---	---	TOTAL
MEAN	---	---	0	3.06	0.027	0	0	0	0	0	---	---	MEAN
MAX	---	---	0	10.4	0.282	0.001	0	0	0	0	---	---	MAX
MIN	---	---	0	0.008	0.001	0	0	0	0	0	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.378
MAXIMUM DAILY, 10.4 ON APR 8
MINIMUM DAILY, 0B ON MAR 1
MAXIMUM INSTANTANEOUS,
12.28 AT 00:15 CST ON APR 4

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 51 59 37 N
LONG 104 33 11 W
DRAINAGE AREA, 505 km²

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	0
FEB	---	AUG	0
MAR	0	SEP	0
APR	7 920	OCT	0
MAY	71.5	NOV	---
JUN	0.17	DEC	---

TOTAL DISCHARGE, 7 990 dam³

ROUGHBARK RESERVOIR NEAR WEYBURN - STATION NO. 05NB019

DAILY WATER LEVEL IN METRES FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	565.997E	---	565.997	565.995	565.935	565.838	565.107	564.940	564.300	564.013	563.942A	---	1
2	---	---	565.993	565.993	565.936	565.830	565.102	564.944	564.262	564.011	---	---	2
3	---	565.986A	565.991	565.994	565.933	565.799	565.095	564.948	564.225	564.006	---	---	3
4	---	---	565.992	565.999	565.929	565.782	565.093	564.942	564.190	564.002	---	---	4
5	---	---	565.996	565.997	565.923	565.726	565.092	564.940	564.153	563.999	---	---	5
6	---	---	565.998	565.994	565.921	565.692	565.117	564.933	564.116	563.997	---	---	6
7	---	---	565.999	565.993	565.927	565.659	565.109	564.921	564.078A	563.993	---	---	7
8	---	---	566.001	565.997	565.925	565.617	565.102	564.910	564.062A	563.992	---	---	8
9	---	---	566.001	565.998	565.924	565.586	565.093	564.907	564.053	563.990	---	---	9
10	---	---	566.004	565.993	565.920	565.565	565.085	564.901	564.044	563.985	---	---	10
11	---	---	566.002	565.992	565.923	565.531	565.078	564.892	564.059	563.980	---	---	11
12	---	---	566.001	565.990	565.919	565.492	565.072	564.890	564.061	563.979	---	---	12
13	---	---	565.998	565.986	565.912	565.456	565.066	564.885	564.058	563.976	---	---	13
14	---	---	565.999	565.981	565.914	565.432	565.061	564.882	564.055	563.977	---	---	14
15	---	---	566.000	565.979	565.909	565.401	565.064	564.878	564.053	563.973	---	---	15
16	---	---	566.001	565.979	565.903	565.369	565.047	564.869	564.052	563.965	---	---	16
17	---	---	566.000	565.971	565.901	565.341	565.036	564.855	564.051	563.967	---	---	17
18	---	---	565.998	565.968	565.900	565.308	565.032	564.820	564.045	563.963	---	---	18
19	---	---	565.997	565.965	565.896	565.271	565.024	564.798	564.046	563.959	---	---	19
20	---	---	565.995	565.960	565.893	565.238	565.020	564.761	564.043	563.959	---	---	20
21	---	---	566.001	565.958	565.891	565.207	565.017	564.737	564.042	563.953	---	---	21
22	---	---	566.000	565.954	565.886	565.171	565.013	564.690	564.046	563.950	---	---	22
23	---	---	566.001	565.952	565.880	565.169	564.998	564.659	564.042	563.956	---	---	23
24	---	---	566.004	565.949	565.873	565.151	564.995	564.622	564.036	563.958	---	---	24
25	---	---	566.005	565.942	565.870	565.139	564.984	564.584	564.032	563.953	---	---	25
26	---	565.988A	565.995	565.940	565.863	565.128	564.978	564.551	564.033	563.947	---	---	26
27	---	565.994	565.997	565.938	565.863	565.124	564.969	564.512	564.018	563.946	---	---	27
28	---	565.995	566.002	565.937	565.862	565.115	564.955	564.486	564.017	563.941	---	---	28
29	---	565.994	565.994	565.934	565.854	565.099	564.960	564.419	564.018	563.939	563.927A	563.936A	29
30	---		565.994	565.933	565.847	565.110	564.955	564.371	564.018	563.940	563.927E	---	30
31	565.987E		565.993		565.844		564.949	564.333		563.942		563.936E	31
MEAN	---	---	565.998	565.972	565.899	565.411	565.041	564.787	564.077	563.971	---	---	MEAN
MAX	---	---	566.005	565.999	565.936	565.838	565.117	564.948	564.300	564.013	---	---	MAX
MIN	---	---	565.991	565.933	565.844	565.099	564.949	564.333	564.017	563.939	---	---	MIN

WATER LEVELS IN METRES

SUMMARY FOR THE YEAR 1988

MAXIMUM DAILY, 566.005 ON MAR 25
MINIMUM DAILY, 563.927A ON NOV 29
MAXIMUM INSTANTANEOUS,
566.011 AT 03:02 CST ON MAR 25

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 30 08 N
LONG 103 42 07 W

A - MANUAL GAUGE

E - ESTIMATED

REGULATED

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

ROUND LAKE NEAR WHITEWOOD - STATION NO. 05JM007

DAILY WATER LEVEL IN METRES FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	441.655	441.613	441.602	441.700	441.805	442.180	442.138	441.931	441.823	441.714	441.643	441.645	1
2	441.654	441.614	441.602	441.711	441.832	442.182	442.137	441.929	441.818	441.710	441.645	441.646	2
3	441.652	441.613	441.606	441.720	441.856	442.184	442.135	441.928	441.814	441.707	441.644	441.643	3
4	441.651	441.612	441.611	441.735	441.869	442.184	442.130	441.924	441.811	441.705	441.650	441.645	4
5	441.648	441.610	441.617	441.742	441.874	442.177	442.127	441.925	441.806	441.702	441.650	441.647	5
6	441.647	441.611	441.618	441.748	441.885	442.172	442.126	441.924	441.805	441.702	441.651	441.647	6
7	441.644	441.611	441.622	441.763	441.900	442.188	442.112	441.916	441.799	441.701	441.653	441.647	7
8	441.641	441.610	441.627	441.768	441.917	442.185	442.085	441.909	441.786	441.703	441.651	441.648	8
9	441.640	441.609	441.631	441.776	441.930	442.158	442.080	441.904	441.772	441.700	441.647	441.651	9
10	441.639	441.608	441.633	441.779	441.938	442.158A	442.068	441.896	441.767	441.697	441.648	441.650	10
11	441.634	441.607	441.640	441.782	441.950	442.189	442.060	441.895	441.766	441.695	441.644	441.650	11
12	441.633	441.607	441.642	441.784	441.961	442.184	442.052	441.892	441.770	441.693	441.644	441.654	12
13	441.631	441.608	441.644	441.783	441.970	442.182	442.049	441.889	441.767	441.692	441.641	441.658	13
14	441.631	441.606	441.647	441.781	441.988	442.185	442.038	441.887	441.767	441.692	441.639	441.657	14
15	441.631	441.608	441.649	441.782	442.018	442.184	442.031	441.884	441.765	441.689	441.643	441.661	15
16	441.631	441.606	441.650	441.783	442.033	442.183	442.021	441.887	441.763	441.685	441.644	441.665	16
17	441.628	441.608	441.652	441.781	442.052	442.182	442.015	441.885	441.759	441.682	441.642	441.665	17
18	441.627	441.606	441.655	441.782	442.065	442.181	442.007	441.881	441.752	441.681	441.640	441.670	18
19	441.624	441.607	441.656	441.782	442.080	442.176	442.001	441.881	441.747	441.678	441.640	441.676	19
20	441.623	441.605	441.658	441.783	442.093	442.176	441.997	441.887	441.743	441.675	441.642	441.681	20
21	441.622	441.608	441.659	441.783	442.105	442.172	441.997	441.888	441.741	441.672	441.644	441.685	21
22	441.622	441.604	441.662	441.784	442.118	442.173	441.995	441.887	441.736	441.668	441.643	441.688	22
23	441.626	441.602	441.664	441.786	442.131	442.173	441.983	441.873	441.733	441.661	441.648	441.694	23
24	441.623	441.601	441.670	441.788	442.135	442.170	441.975	441.868	441.730	441.657	441.649	441.698	24
25	441.621	441.600	441.680	441.789	442.137	442.157	441.970	441.861	441.727	441.654	441.649	441.702	25
26	441.622	441.600	441.681	441.793	442.144	442.148	441.963	441.855	441.724	441.652	441.647	441.707	26
27	441.622	441.603	441.689	441.797	442.155	442.142	441.961	441.847	441.720	441.651	441.646	441.711	27
28	441.621	441.604	441.694	441.801	442.159	442.130	441.955	441.841	441.719	441.647	441.647	441.713	28
29	441.616	441.603	441.694	441.803	442.168	442.119	441.950	441.839	441.717	441.645	441.647	441.720	29
30	441.616		441.697	441.797	442.173	442.136	441.945	441.835	441.717	441.646	441.647	441.727	30
31	441.617		441.697		442.178		441.936	441.828		441.645		441.733	31
MEAN	441.632	441.607	441.660	441.773	442.020	442.169	442.034	441.887	441.762	441.681	441.645	441.674	MEAN
MAX	441.655	441.614	441.697	441.803	442.178	442.189	442.138	441.931	441.823	441.714	441.653	441.733	MAX
MIN	441.616	441.600	441.602	441.700	441.805	442.119	441.936	441.828	441.717	441.645	441.639	441.643	MIN

WATER LEVELS IN METRES

SUMMARY FOR THE YEAR 1988

MEAN, 441.795
MAXIMUM DAILY, 442.189 ON JUN 11
MINIMUM DAILY, 441.600 ON FEB 25
MAXIMUM INSTANTANEOUS,
442.191 AT 12:24 CST ON JUN 11

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 32 55 N
LONG 102 21 34 W

A - MANUAL GAUGE

REGULATED SINCE 1944

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

RUSHLAKE CREEK ABOVE HIGHFIELD RESERVOIR - STATION NO. 05JC004

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0 B	0	0	0	0	0	0	0	---	---	1
2	---	---	0.004B	0	0	0	0	0	0	0	---	---	2
3	---	---	0.005B	0	0	0	0	0	0	0	---	---	3
4	---	---	0.005B	0	0	0	0	0	0	0	---	---	4
5	---	---	0.004B	0	0	0	0.003	0	0	0	---	---	5
6	---	---	0.002B	0	0	0	0.001	0	0	0	---	---	6
7	---	---	0.002B	0	0	0	0	0	0	0	---	---	7
8	---	---	0.002B	0	0	0	0	0	0	0	---	---	8
9	---	---	0.001B	0	0	0	0	0	0	0	---	---	9
10	---	---	0.001B	0	0	0	0	0	0	0	---	---	10
11	---	---	0.001B	0	0	0	0	0	0	0	---	---	11
12	---	---	0.001B	0	0	0	0	0	0	0	---	---	12
13	---	---	0.002B	0	0	0	0	0	0	0	---	---	13
14	---	---	0.002B	0	0	0	0	0	0	0	---	---	14
15	---	---	0.001B	0	0	0	0	0	0	0	---	---	15
16	---	---	0.001B	0	0	0	0	0	0	0	---	---	16
17	---	---	0.001B	0	0	0	0	0	0	0	---	---	17
18	---	---	0 B	0	0	0	0	0	0	0	---	---	18
19	---	---	0 B	0	0	0	0	0	0	0	---	---	19
20	---	---	0 B	0	0	0	0	0	0	0	---	---	20
21	---	---	0 B	0	0	0	0	0	0	0	---	---	21
22	---	---	0 B	0	0	0	0	0	0	0	---	---	22
23	---	---	0 B	0	0	0	0	0	0	0	---	---	23
24	---	---	0	0	0	0	0	0	0	0	---	---	24
25	---	---	0	0	0	0	0	0	0	0	---	---	25
26	---	---	0	0	0	0	0	0	0	0	---	---	26
27	---	---	0	0	0	0	0	0	0	0	---	---	27
28	---	---	0	0	0	0	0	0	0	0	---	---	28
29	---	---	0	0	0	0	0	0	0	0	---	---	29
30	---		0	0	0	0	0	0	0	0	---	---	30
31	---		0		0		0	0		0		---	31
TOTAL	---	---	0.035	0	0	0	0.004	0	0	0	---	---	TOTAL
MEAN	---	---	0.001	0	0	0	0	0	0	0	---	---	MEAN
MAX	---	---	0.005	0	0	0	0.003	0	0	0	---	---	MAX
MIN	---	---	0	0	0	0	0	0	0	0	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0
MAXIMUM DAILY, 0.005B ON MAR 3
MINIMUM DAILY, 0B ON MAR 1
MAXIMUM INSTANTANEOUS,
0.044 AT 20:15 CST ON JUL 5

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 15 12 N
LONG 107 28 06 W
DRAINAGE AREA, 325 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN ---	JUL 0.35
FEB ---	AUG 0
MAR 3.02	SEP 0
APR 0	OCT 0
MAY 0	NOV ---
JUN 0	DEC ---

TOTAL DISCHARGE, 3.37 dam³

RUSSELL CREEK RESERVOIR - STATION NO. 05JB005

DAILY WATER LEVEL IN METRES FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	766.632A	767.225	766.750	765.912	764.448E	764.288	764.029A	762.848	762.444A	---	1
2	---	---	766.657	767.239	766.708	765.888	764.451E	764.255	764.028A	762.228	---	---	2
3	---	---	766.683	767.247	766.680	765.884	764.450E	764.247	764.021A	762.057	---	---	3
4	---	---	766.722	767.262	766.669	765.833	764.451E	764.242	764.017	762.092	---	---	4
5	---	---	766.744	767.276	766.663	765.770	764.450A	764.237	764.010A	762.080	---	---	5
6	---	---	766.764	767.298	766.661	765.690	764.447	764.231	763.998A	762.124	---	---	6
7	---	---	766.783	767.315	766.640	765.544	764.441	764.214	763.986A	762.149	---	---	7
8	---	---	766.812	767.330	766.626	765.443	764.434	764.207	763.975	762.165A	---	---	8
9	---	---	766.837	767.343	766.609	765.338	764.427	764.197	763.953	762.178E	---	---	9
10	---	---	766.856	767.351	766.561	765.285	764.421	764.188	763.958	762.191E	---	---	10
11	---	---	766.872	767.361	766.574	765.180	764.414	764.180	763.976	762.204E	---	---	11
12	---	---	766.888	767.365	766.554	765.114	764.410	764.171	763.975	762.217E	---	---	12
13	---	---	766.907A	767.374	766.537	765.077	764.400	764.167	763.970	762.230E	---	---	13
14	---	---	766.921	767.380	766.500	765.069	764.395	764.162	763.970	762.243E	---	---	14
15	---	---	766.930	767.386	766.482	765.064	764.390	764.155	763.968	762.256E	---	---	15
16	---	---	766.939	767.389	766.485	765.062	764.382	764.154	763.960	762.267E	---	---	16
17	---	---	766.951	767.386	766.500	765.079	764.374	764.148	763.953	762.281E	---	---	17
18	---	---	766.960	767.381	766.484	765.087	764.375	764.141	763.954	762.295E	---	---	18
19	---	---	766.974	767.333	766.482	765.055	764.370	764.134	763.966	762.306E	---	---	19
20	---	---	766.991	767.288	766.483	765.046	764.363	764.128A	763.964	762.319E	---	---	20
21	---	---	767.010	767.267	766.482	765.037	764.361	764.116A	763.960	762.331E	---	---	21
22	---	---	767.036	767.212	766.482	765.030	764.358	764.102A	763.956	762.342E	---	---	22
23	---	766.620A	767.059	767.149	766.477	765.018	764.344	764.095A	763.960	762.353E	---	---	23
24	---	---	767.087	767.080	766.404	764.898	764.337	764.094A	763.961	762.362E	---	---	24
25	---	---	767.107	767.038	766.318	764.772	764.330	764.090A	763.958A	762.374E	---	---	25
26	---	---	767.131	766.987	766.240	764.682	764.320	764.075A	763.929A	762.386E	---	---	26
27	---	---	767.172	766.942	766.167	764.584	764.313	764.073	763.708A	762.397E	---	---	27
28	---	---	767.170	766.882	766.084	764.560	764.307	764.068	763.488A	762.408E	---	---	28
29	---	---	767.184	766.832	766.087	764.583	764.299	764.058A	763.303	762.417E	---	---	29
30	---		767.203	766.788	766.012	764.482A	764.293	764.044	763.003	762.426E	---	---	30
31	---		767.211		765.953		764.284	764.035		762.435E		---	31
MEAN	---	---	766.943	767.224	766.484	765.173	764.382	764.151	763.898	762.282	---	---	MEAN
MAX	---	---	767.211	767.389	766.750	765.912	764.451	764.288	764.029	762.848	---	---	MAX
MIN	---	---	766.632	766.788	765.953	764.482	764.284	764.035	763.003	762.057	---	---	MIN

WATER LEVELS IN METRES

MAXIMUM DAILY, 767.389 ON APR 16
MINIMUM DAILY, 762.057 ON OCT 3
MAXIMUM INSTANTANEOUS,
767.392 AT 16:48 CST ON APR 16

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 53 58 N
LONG 107 30 40 W

A - MANUAL GAUGE

E - ESTIMATED

REGULATED SINCE 1961

DRAINAGE AREA,
185 km²

SALINE CREEK NEAR NOKOMIS - STATION NO. 05JJ009

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0 B	0.013B	0	0	0	0	0	0	---	---	1
2	---	---	0 B	0.017B	0	0	0	0	0	0	---	---	2
3	---	---	0 B	0.009B	0	0	0	0	0	0	---	---	3
4	---	---	0 B	0.006B	0	0	0	0	0	0	---	---	4
5	---	---	0 B	0.004B	0	0	0	0	0	0	---	---	5
6	---	---	0 B	0.003B	0	0	0	0	0	0	---	---	6
7	---	---	0 B	0.004B	0	0	0	0	0	0	---	---	7
8	---	---	0 B	0.003B	0	0	0	0	0	0	---	---	8
9	---	---	0 B	0.001B	0	0	0	0	0	0	---	---	9
10	---	---	0 B	0	0	0	0	0	0	0	---	---	10
11	---	---	0 B	0	0	0	0	0	0	0	---	---	11
12	---	---	0 B	0	0	0	0	0	0	0	---	---	12
13	---	---	0 B	0	0	0	0	0	0	0	---	---	13
14	---	---	0 B	0	0	0	0	0	0	0	---	---	14
15	---	---	0 B	0	0.001	0	0	0	0	0	---	---	15
16	---	---	0 B	0	0.001	0	0	0	0	0	---	---	16
17	---	---	0 B	0	0	0	0	0	0	0	---	---	17
18	---	---	0 B	0	0	0	0	0	0	0	---	---	18
19	---	---	0 B	0	0	0	0	0	0	0	---	---	19
20	---	---	0 B	0	0	0	0	0	0	0	---	---	20
21	---	---	0 B	0	0	0	0	0	0	0	---	---	21
22	---	---	0.001B	0	0	0	0	0	0	0	---	---	22
23	---	---	0.003B	0	0	0	0	0	0	0	---	---	23
24	---	---	0.003B	0	0	0	0	0	0	0	---	---	24
25	---	---	0.008B	0	0	0	0	0	0	0	---	---	25
26	---	---	0.003B	0	0	0	0	0	0	0	---	---	26
27	---	---	0.002B	0	0	0	0	0	0	0	---	---	27
28	---	---	0 B	0	0	0	0	0	0	0	---	---	28
29	---		0.005B	0	0	0	0	0	0	0	---	---	29
30	---		0.008B	0	0	0	0	0	0	0	---	---	30
31	---		0.008B		0		0	0		0		---	31
TOTAL	---	---	0.041	0.060	0.002	0	0	0	0	0	---	---	TOTAL
MEAN	---	---	0.001	0.002	0	0	0	0	0	0	---	---	MEAN
MAX	---	---	0.008	0.017	0.001	0	0	0	0	0	---	---	MAX
MIN	---	---	0	0	0	0	0	0	0	0	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0
MAXIMUM DAILY, 0.017B ON APR 2
MINIMUM DAILY, 0B ON MAR 1
MAXIMUM INSTANTANEOUS,
0.023B AT 15:45 CST ON APR 2

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 51 24 56 N
LONG 105 08 10 W
DRAINAGE AREA, 980 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	0
FEB	---	AUG	0
MAR	3.54	SEP	0
APR	5.18	OCT	0
MAY	0.17	NOV	---
JUN	0	DEC	---

TOTAL DISCHARGE, 8.89 dam³

SANDY CREEK NEAR CARON - STATION NO. 05JB001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0	0	0	0	0	0	0	0	---	---	1
2	---	---	0	0	0	0	0	0	0	0	---	---	2
3	---	---	0	0	0	0	0	0	0	0	---	---	3
4	---	---	0	0	0	0	0	0	0	0	---	---	4
5	---	---	0	0	0	0	0	0	0	0	---	---	5
6	---	---	0	0	0	0	0	0	0	0	---	---	6
7	---	---	0	0	0	0	0	0	0	0	---	---	7
8	---	---	0	0	0	0	0	0	0	0	---	---	8
9	---	---	0	0	0	0	0	0	0	0	---	---	9
10	---	---	0	0	0	0	0	0	0	0	---	---	10
11	---	---	0	0	0	0	0	0	0	0	---	---	11
12	---	---	0	0	0	0	0	0	0	0	---	---	12
13	---	---	0	0	0	0	0	0	0	0	---	---	13
14	---	---	0	0	0	0	0	0	0	0	---	---	14
15	---	---	0	0	0	0	0	0	0	0	---	---	15
16	---	---	0	0	0	0	0	0	0	0	---	---	16
17	---	---	0	0	0	0	0	0	0	0	---	---	17
18	---	---	0	0	0	0	0	0	0	0	---	---	18
19	---	---	0	0	0	0	0	0	0	0	---	---	19
20	---	---	0	0	0	0	0	0	0	0	---	---	20
21	---	---	0	0	0	0	0	0	0	0	---	---	21
22	---	---	0	0	0	0	0	0	0	0	---	---	22
23	---	---	0	0	0	0	0	0	0	0	---	---	23
24	---	---	0	0	0	0	0	0	0	0	---	---	24
25	---	---	0	0	0	0	0	0	0	0	---	---	25
26	---	---	0	0	0	0	0	0	0	0	---	---	26
27	---	---	0	0	0	0	0	0	0	0	---	---	27
28	---	---	0	0	0	0	0	0	0	0	---	---	28
29	---	---	0	0	0	0	0	0	0	0	---	---	29
30	---		0	0	0	0	0	0	0	0	---	---	30
31	---		0		0		0	0		0		---	31
TOTAL	---	---	0	0	0	0	0	0	0	0	---	---	TOTAL
MEAN	---	---	0	0	0	0	0	0	0	0	---	---	MEAN
MAX	---	---	0	0	0	0	0	0	0	0	---	---	MAX
MIN	---	---	0	0	0	0	0	0	0	0	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0
MAXIMUM DAILY, 0 ON MAR 1
MINIMUM DAILY, 0 ON MAR 1
MAXIMUM INSTANTANEOUS,
0 AT 00:00 CST ON MAR 1

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 27 08 N
LONG 105 01 45 W
DRAINAGE AREA, 879 km²

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	0
FEB	---	AUG	0
MAR	0	SEP	0
APR	0	OCT	0
MAY	0	NOV	---
JUN	0	DEC	---

TOTAL DISCHARGE, 0 dam³

SASKATCHEWAN RIVER BELOW TOBIN LAKE - STATION NO. 05KD003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1986

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	187	821	338	302	208	184	179	157	358	165	213	154	1
2	187	853	186	319	274	137	214	165	473	155	193	187	2
3	472	808	229	121	201	321	190	155	287	179	187	181	3
4	485	865	244	178	137	222	284	165	153	218	165	183	4
5	389	498	222A	116	149	227	384A	275	163	247	164	160	5
6	387	250	208E	107	197	274	238A	209	319	283	188	168	6
7	330	211	144A	121	106	288	262A	149	181	311	328	244	7
8	312	246	170	360	111	148	244A	186	167	164	330	449	8
9	221	448	178	518	210	187	311A	383	151	174	288	471	9
10	247	800	189	338	238	157	143A	462	158	186	261	338	10
11	467	368	165	351	362	116	260A	359	149	315	168	172	11
12	467	238	164	547	287	119	210A	157	166	315	177	174	12
13	378	345	134	587	222	169	318A	152	164	261	168	157	13
14	323	271	168	581	180	128	393A	169	155	322	242	380	14
15	232	481	208	328	120	107	496A	164	159	189	215	436	15
16	248	310	148	108	215	163	461	150	213	161	183	280	16
17	181	242	180	240	352	133	321	145	178	379	186	385	17
18	389	318	169	412	212	133	285	165	163	291	147	168	18
19	483	348	218	571	218	174	435A	148	259	347	186	345	19
20	550	279	145	527	395	114	455A	166	446	348	168	359	20
21	333	183	204	501	103	150	481A	157	291	229	184	389	21
22	526	357	143	391	109	148	515	271	313	170	185	558	22
23	246	360	109	318	98.1	187	334	437	264	178	179	330	23
24	187	418	159	432	187	168	201A	272	215	312	144	185	24
25	395	278	250	316	164	160	307A	255	188	160	178	309	25
26	285	203	152	188	216	218	179A	185	164	235	159	241	26
27	510	181	313	283	243	249	182A	231	283	364	161	182	27
28	243	152	402	281	101	181	247	220	176	334	184	220	28
29	284	171	178	328	187	177	328	345	358	184	155	188	29
30	344		198	223	152	172	158	357	169	156	173	176	30
31	509		487		125		148	346		183		170	31
TOTAL	10 679	10 215	6 356	9 937	6 049.1	5 288	8 843	7 255	6 889	7 354	5 759	8 206	TOTAL
MEAN	344	352	205	331	195	176	285	234	230	237	192	265	MEAN
MAX	550	865	487	587	395	374	515	462	473	379	330	558	MAX
MIN	181	152	109	107	98.1	107	143	145	149	150	144	153	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 284
MAXIMUM DAILY, 865 ON FEB 4
MINIMUM DAILY, 98.1 ON MAY 23
MAXIMUM INSTANTANEOUS,
1 100 AT 22:01 CST ON DEC 22

SUMMARY FOR THE YEAR 1986

TYPE OF GAUGE - RECORDING
LOCATION - LAT 53 42 10 N
LONG 103 17 50 W
DRAINAGE AREA, 288 000 km²
A - MANUAL GAUGE

E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	923 000	JUL	773 000
FEB	883 000	AUG	627 000
MAR	549 000	SEP	595 000
APR	859 000	OCT	635 000
MAY	523 000	NOV	498 000
JUN	455 000	DEC	709 000

TOTAL DISCHARGE, 8 030 000 dam³

SASKATCHEWAN RIVER OLD CHANNEL - STATION NO. 05KH006

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1986

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.704B	18.5 B	0.080B	25.7 B	0.622B	0.221	0.210	0.306	8.93	0.614	0.214B	0.283B	1
2	0.010B	24.6 B	8.56 B	15.6 B	0.199B	0.902	0.452	0.287	8.74	0.370	1.59 B	0.142B	2
3	0.322B	33.4 B	0.624B	13.3 B	2.50 B	0.300	1.29	0.416	15.7	0.336	0.228B	0.086B	3
4	12.8 B	31.5 B	0.257B	3.33 B	0.808B	2.21	0.894	0.616	5.10	0.276	0.208B	0.041B	4
5	17.4 B	28.3 B	0.707B	1.88 B	0.401B	1.44	5.86	0.721	0.800	1.33	0.116B	0.024B	5
6	8.38 B	8.62 B	5.50 B	0.849B	0.345B	4.20	6.86	5.60	0.846	2.33	0.168B	0.007B	6
7	7.60 B	0.083B	1.36 B	0.356B	0.641B	7.15	3.17	2.00	6.02	2.83	0.184B	0.016B	7
8	4.19 B	0.010B	0.443B	0.216B	0.448B	5.25	4.69	0.515	1.22	4.56	5.60 B	0.321B	8
9	2.85 B	0.316B	0.275B	6.63 B	0.248	0.651	3.14	0.426	0.513	0.581	10.3 B	6.00 B	9
10	0.234B	6.73 B	0.270B	22.5 B	1.88	0.384	2.81	6.32	0.301	0.409	8.64 B	18.5 B	10
11	3.44 B	30.5 B	0.308B	4.29 B	3.68	1.35	1.08	14.7	0.366	0.289	5.42 B	6.10 B	11
12	13.2 B	2.50 B	0.262B	2.44 B	6.83	0.302	6.69	2.40	1.02	5.31	1.26 B	3.46 B	12
13	12.6 B	0.018B	0.162B	15.5 B	3.87	0.259	2.12	0.682	0.381	3.14	0.637B	3.06 B	13
14	4.86 B	3.70 B	0.132B	21.5 B	1.40	0.251	1.86	0.326	0.365	2.93	0.311B	0.059B	14
15	1.77 B	3.13 B	0.111B	10.3 B	0.488	0.237	18.5	0.631	0.228	4.85	1.33 B	16.6 B	15
16	0.086B	10.8 B	0.252B	2.31 B	0.389	0.208	22.0	1.62	0.508	0.636	1.75 B	9.78 B	16
17	0.840B	1.26 B	0.243B	0.626B	1.71	1.16	15.5	0.387	2.63	0.689	0.221B	4.82 B	17
18	0.259B	0.087B	0.142B	0.287B	7.04	0.371	5.45	0.398	0.600	7.62	0.086B	7.31 B	18
19	4.65 B	1.11 B	0.118B	0.422B	1.19	0.218	6.14	0.284	0.381	3.69	0.129B	0.204B	19
20	17.7 B	3.01 B	0.109B	6.86 B	2.37	0.567	19.6	0.188	3.89	4.66	0.027B	3.62 B	20
21	14.5 B	0.637B	0.166B	4.74 B	10.7	0.283	16.4	0.258	16.4	6.19	0.028B	6.79 B	21
22	5.06 B	0.102B	0.318B	4.84 B	0.566	0.674	18.7	0.249	3.15	1.22	0.229B	9.20 B	22
23	14.4 B	2.76 B	0.280B	1.20 B	0.324	0.367	23.2	4.46	6.58	0.363	0.048B	17.0 B	23
24	0.285B	5.65 B	0.194B	0.487B	0.283	1.26	4.86	14.6	3.77	1.82	0.114B	3.32 B	24
25	0.739B	9.45 B	0.138B	0.690B	0.560	0.644	1.82	6.76	1.12	3.81	0.468B	1.61 B	25
26	2.05 B	1.08 B	0.062B	0.553B	0.383	0.251	5.53	1.62	0.879	0.231	0.113B	3.71 B	26
27	2.88 B	0.280B	1.04 B	0.213B	1.75	2.37	0.914	0.600	0.386	1.79	0.009B	4.60 B	27
28	10.7 B	0.102B	4.11 B	0.426B	2.88	2.84	1.17	1.44	5.08	9.86 B	0.034B	1.76 B	28
29	0.126B	0.013B	16.6 B	0.667B	0.412	0.625	3.24	1.86	1.06	2.74 B	0.078B	3.45 B	29
30	0.010B		2.54 B	2.61 B	0.480	0.381	9.62	7.74	11.6	0.639B	0.182B	1.14 B	30
31	5.32 B		4.82 B		0.313		0.858	10.3		0.312B		0.079B	31
TOTAL	171.888	217.848	80.779	179.613	55.738	37.647	217.058	96.707	111.088	75.865	42.033	136.868	TOTAL
MEAN	5.55	7.81	1.04	5.99	1.80	1.25	7.00	3.12	3.70	2.45	1.40	4.41	MEAN
MAX	17.7	33.4	16.6	25.7	10.7	7.15	23.2	14.7	16.4	9.86	10.3	18.5	MAX
MIN	0.010	0.010	0.080	0.213	0.199	0.208	0.210	0.188	0.228	0.276	0.009	0.007	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 3.81
MAXIMUM DAILY, 33.4B ON FEB 3
MINIMUM DAILY, 0.007B ON DEC 6
MAXIMUM INSTANTANEOUS,
50.2 AT 01:51 CST ON JUL 16

SUMMARY FOR THE YEAR 1986

TYPE OF GAUGE - RECORDING
LOCATION - LAT 53 46 50 N
LONG 102 55 20 W

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	14 900	JUL	18 800
FEB	18 800	AUG	8 360
MAR	4 290	SEP	9 600
APR	15 500	OCT	6 540
MAY	4 820	NOV	3 630
JUN	3 250	DEC	11 800

TOTAL DISCHARGE, 120 000 dam³

REMARKS - DATA QUALITY, PARTICULARLY DURING THE WINTER PERIOD, WAS POOR DUE TO CHANGING BACK WATER CONDITIONS

SASKATOON S.E. PROJECT EAST MAIN CANAL BELOW BRODERICK RESERVOIR - STATION NO. 05HG019

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0	0	4.16	4.01	0.126	4.14	5.56	0.116	---	---	1
2	---	---	0	0	4.13	3.78	0.084	4.24	4.78	0.050	---	---	2
3	---	---	0	0	4.08	3.88	0.045	4.38	4.38	0.042	---	---	3
4	---	---	0	0	4.13	3.89	1.32	4.25	4.38	0.036	---	---	4
5	---	---	0	0.003A	4.71	3.84	2.74	4.41	4.34	0.034	---	---	5
6	---	---	0	0	5.20	3.84	3.61	4.47	4.33	0.032	---	---	6
7	---	---	0	0	5.20	3.70	3.88	4.81	4.30	0.028	---	---	7
8	---	---	0	0	5.17	3.74	4.00	4.63	4.25	0.030	---	---	8
9	---	---	0	0	5.15	3.67	4.15	4.48	4.19	0.026	---	---	9
10	---	---	0	0	5.14	3.67	4.26	4.50	4.14	0.018	---	---	10
11	---	---	0	0	5.24	3.82	4.06	4.87	4.26	0.012	---	---	11
12	---	---	0	0	5.27	3.67	4.01	5.26	4.48	0.008	---	---	12
13	---	---	0	0	5.30	3.63	3.88	5.24	4.44	0.005	---	---	13
14	---	---	0	0	5.31	3.63	3.89	5.28	4.62	0.002	---	---	14
15	---	---	0	0	5.27	3.83	3.92	5.46	4.37	0.004	---	---	15
16	---	---	0	0	5.18	3.48	3.87	5.60	4.38	0.007	---	---	16
17	---	---	0	0	5.20	3.25	4.10	5.83	4.41	0.004	---	---	17
18	---	---	0	0	5.06	3.38	3.90	5.47	4.68	0.001	---	---	18
19	---	---	0	0	5.03	3.30	3.58	5.31	4.53	0	---	---	19
20	---	---	0	0	5.11	3.23	3.64	5.40	4.15	0	---	---	20
21	---	---	0	0	5.20	3.24	3.83	5.35	3.84	0	---	---	21
22	---	---	0	0	5.18	3.25	3.94	5.16	3.87	0.003	---	---	22
23	---	---	0	0	5.14	3.41	4.20	5.29	3.88	0	---	---	23
24	---	---	0	0	4.89	3.30	4.51	5.35	3.89	0	---	---	24
25	---	---	0	1.03	5.02	3.01	4.40	5.40	4.02	0	---	---	25
26	---	---	0	2.52	5.01	2.84	4.26	5.42	4.02	0	---	---	26
27	---	---	0	3.24	4.60	2.75	4.23	5.50	4.08	0	---	---	27
28	---	---	0	4.16	4.00	2.88	4.25	5.58	4.08	0	---	---	28
29	---	---	0	4.38	4.10	2.11	4.23	5.63	4.10	0	---	---	29
30	---		0	4.20	4.12	1.38	4.20	5.63	2.53	0	---	---	30
31	---		0		4.12		4.15	5.63		0		---	31
TOTAL	---	---	0	19.513	150.45	101.03	109.365	157.88	126.82	0.461	---	---	TOTAL
MEAN	---	---	0	0.650	4.85	3.37	3.53	5.09	4.23	0.015	---	---	MEAN
MAX	---	---	0	4.38	5.31	4.01	4.51	5.83	5.56	0.118	---	---	MAX
MIN	---	---	0	0	4.00	1.38	0.045	4.14	2.53	0	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 2.72
MAXIMUM DAILY, 5.83 ON AUG 17
MINIMUM DAILY, 0 ON MAR 1
MAXIMUM INSTANTANEOUS,
5.94 AT 11:59 CST ON AUG 17

TYPE OF GAUGE - RECORDING
LOCATION - LAT 51 29 01 N
LONG 106 50 53 W

A - MANUAL GAUGE

REGULATED

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	9 450
FEB	---	AUG	13 600
MAR	0	SEP	11 000
APR	1 690	OCT	39.8
MAY	13 000	NOV	---
JUN	8 730	DEC	---

TOTAL DISCHARGE, 57 500 dam³

SHAND CREEK NEAR DILLABOUGH - STATION NO. 05LB005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0B	0 B	0.861	0.136	0	0	0	0	---	---	1
2	---	---	0B	0 B	0.851	0.152	0	0	0	0	---	---	2
3	---	---	0B	0 B	0.845	0.135	0	0	0	0	---	---	3
4	---	---	0B	0.500B	0.661	0.120	0	0	0	0	---	---	4
5	---	---	0B	1.00 B	0.483	0.087	0	0	0	0	---	---	5
6	---	---	0B	2.00 B	0.388	0.047	0	0	0	0	---	---	6
7	---	---	0B	4.00 B	0.340	0.021	0	0	0	0	---	---	7
8	---	---	0B	6.50 B	0.305	0.008	0	0	0	0	---	---	8
9	---	---	0B	10.0 B	0.275	0.001	0	0	0	0	---	---	9
10	---	---	0B	14.0 B	0.235	0	0	0	0	0	---	---	10
11	---	---	0B	20.0 B	0.201	0	0	0	0	0	---	---	11
12	---	---	0B	40.0 B	0.171	0	0	0	0	0	---	---	12
13	---	---	0B	60.1 A	0.143	0	0	0	0	0	---	---	13
14	---	---	0B	54.7	0.134	0	0	0	0	0	---	---	14
15	---	---	0B	37.0	0.114	0	0	0	0	0	---	---	15
16	---	---	0B	18.6	0.121	0	0	0	0	0	---	---	16
17	---	---	0B	7.60	0.111	0	0	0	0	0	---	---	17
18	---	---	0B	4.18	0.132	0	0	0	0	0	---	---	18
19	---	---	0B	2.70	0.124	0	0	0	0	0	---	---	19
20	---	---	0B	1.88	0.127	0	0	0	0	0	---	---	20
21	---	---	0B	1.07	0.097	0	0	0	0	0	---	---	21
22	---	---	0B	0.720	0.088	0	0	0	0	0	---	---	22
23	---	---	0B	0.614	0.071	0	0	0	0	0	---	---	23
24	---	---	0B	0.572	0.039	0	0	0	0	0	---	---	24
25	---	---	0B	0.586	0.083	0	0	0	0	0	---	---	25
26	---	---	0B	0.480	0.075	0	0	0	0	0	---	---	26
27	---	---	0B	0.428	0.084	0	0	0	0	0	---	---	27
28	---	---	0B	0.438	0.117	0	0	0	0	0	---	---	28
29	---	---	0B	0.464	0.135	0	0	0	0	0	---	---	29
30	---		0B	0.389	0.138	0	0	0	0	0	---	---	30
31	---		0B		0.142		0	0		0		---	31
TOTAL	---	---	0	280.202	7.800	0.706	0	0	0	0	---	---	TOTAL
MEAN	---	---	0	9.67	0.245	0.024	0	0	0	0	---	---	MEAN
MAX	---	---	0	60.1	0.861	0.152	0	0	0	0	---	---	MAX
MIN	---	---	0	0	0.039	0	0	0	0	0	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.22
MAXIMUM DAILY, 60.1A ON APR 13
MINIMUM DAILY, 0B ON MAR 1
MAXIMUM INSTANTANEOUS,
63.6 AT 16:20 CST ON APR 13

TYPE OF GAUGE - RECORDING
LOCATION - LAT 52 37 06 N
LONG 102 45 06 W
DRAINAGE AREA, 660 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	0
FEB	---	AUG	0
MAR	0	SEP	0
APR	25 100	OCT	0
MAY	657	NOV	---
JUN	60.9	DEC	---

TOTAL DISCHARGE, 25 800 dam³

SHELL BROOK NEAR SHELLBROOK - STATION NO. 05GF001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1986

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0 B	0.008B	1.22	0.020E	0.010E	0 E	0.088	0.010E	---	---	1
2	---	---	0 B	0.024B	1.01	0.020E	0.010E	0 E	0.048	0.010E	---	---	2
3	---	---	0 B	0.170B	0.916	0.020E	0.010E	0.186	0.038	0.010E	---	---	3
4	---	---	0 B	0.407B	0.833	0.020E	0.010E	0.252	0.033	0.010E	---	---	4
5	---	---	0 B	0.824B	0.751	0.020E	0.010E	0.194	0.025	0.010E	---	---	5
6	---	---	0 B	1.06 B	0.673	0.015E	0.015E	0.225	0.010E	0.010E	---	---	6
7	---	---	0 B	1.25 B	0.580	0.010E	0.020E	0.303	0.010E	0.010E	---	---	7
8	---	---	0 B	1.63 B	0.505	0.010E	0.020E	0.317	0.010E	0.010E	---	---	8
9	---	---	0 B	2.30 B	0.428	0.010E	0.020E	0.291	0.010E	0.010E	---	---	9
10	---	---	0 B	2.63 B	0.344	0.010E	0.020E	0.253	0.010E	0.010E	---	---	10
11	---	---	0 B	2.78 B	0.284	0.010E	0.015E	0.215	0.010E	0.010E	---	---	11
12	---	---	0 B	2.75 B	0.232	0.010E	0.010E	0.220	0.010E	0.010E	---	---	12
13	---	---	0 B	4.28	0.172	0.010E	0.010E	0.201	0.010E	0.010E	---	---	13
14	---	---	0.001B	3.90	0.137	0.010E	0.010E	0.178	0.010E	0.010E	---	---	14
15	---	---	0.001B	3.72	0.159	0.010E	0.010E	0.155	0.010E	0.010E	---	---	15
16	---	---	0.001B	3.66	0.135	0.010E	0.010E	0.132	0.010E	0.010E	---	---	16
17	---	---	0.003B	3.88	0.115	0.010E	0.010E	0.114	0.010E	0.010E	---	---	17
18	---	---	0.006B	3.93	0.081	0.010E	0.010E	0.102	0.010E	0.010E	---	---	18
19	---	---	0.007B	3.93	0.036	0.010E	0.005E	0.124	0.010E	0.010E	---	---	19
20	---	---	0.006B	3.56	0.010	0.010E	0 E	0.127	0.010E	0.010E	---	---	20
21	---	---	0.006B	3.15	0.010E	0.010E	0 E	0.181	0.010E	0.010E	---	---	21
22	---	---	0.006B	2.81	0.015E	0.010E	0 E	0.207	0.010E	0.010E	---	---	22
23	---	---	0.006B	2.55	0.020E	0.010E	0 E	0.245	0.010E	0.010E	---	---	23
24	---	---	0.005B	2.33	0.020E	0.010E	0 E	0.289	0.010E	0.010E	---	---	24
25	---	---	0.004B	2.17	0.020E	0.010E	0 E	0.285	0.010E	0.010E	---	---	25
26	---	---	0.003B	2.14	0.020E	0.010E	0 E	0.234	0.010E	0.010E	---	---	26
27	---	---	0.005B	1.90	0.020E	0.010E	0 E	0.197	0.010E	0.010E	---	---	27
28	---	---	0.002B	1.66	0.020E	0.010E	0 E	0.172	0.010E	0.010E	---	---	28
29	---	---	0.001B	1.47	0.020E	0.010E	0 E	0.138	0.010E	0.010E	---	---	29
30	---		0.002B	1.31	0.020E	0.010E	0 E	0.101	0.010E	0.010E	---	---	30
31	---		0.007B		0.020E		0 E	0.078		0.010E		---	31
TOTAL	---	---	0.071	98.990	8.835	0.355	0.235	5.643	0.462	0.310	---	---	TOTAL
MEAN	---	---	0.002	3.30	0.285	0.012	0.008	0.182	0.015	0.010	---	---	MEAN
MAX	---	---	0.007	4.28	1.22	0.020	0.020	0.317	0.088	0.010	---	---	MAX
MIN	---	---	0	0.008	0.010	0.010	0	0	0.010	0.010	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.348
MAXIMUM DAILY, 4.28 ON APR 13
MINIMUM DAILY, 0B ON MAR 1
MAXIMUM INSTANTANEOUS,
4.74 AT 07:38 CST ON APR 13

TYPE OF GAUGE - RECORDING
LOCATION - LAT 52 15 10 N
LONG 106 23 06 W
DRAINAGE AREA, 2 660 km²

B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	20.3
FEB	---	AUG	488
MAR	6.13	SEP	39.9
APR	8 550	OCT	26.8
MAY	763	NOV	---
JUN	30.7	DEC	---

TOTAL DISCHARGE, 7 330 dam³

REMARKS - FLOW WAS UNDECTABLE ON SEVERAL OCCASSIONS DURING THE SUMMER BUT IT WAS FELT THAT A SMALL BASE FLOW EXISTED

SHELL LAKE NEAR SHELL LAKE - STATION NO. 05GF004

DAILY WATER LEVEL IN METRES FOR 1986

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	---	581.755	581.697	581.621	581.646	581.562	581.508	---	1
2	---	---	---	---	---	581.753	581.693	581.618	581.645	581.560	581.514	---	2
3	---	---	---	---	---	581.751	581.689	581.619	581.642	581.559	581.512	---	3
4	---	---	---	---	---	581.749	581.686	581.620	581.639	581.558	581.511	---	4
5	---	---	---	---	---	581.746	581.685	581.616	581.636	581.556	581.510	---	5
6	---	---	---	---	---	581.743	581.684	581.624	581.631	581.555	581.514	---	6
7	---	---	---	---	---	581.740	581.681	581.622	581.626	581.554	581.514	---	7
8	---	---	---	---	---	581.737	581.678	581.620	581.621	581.544	581.514	---	8
9	---	---	---	---	---	581.732	581.681	581.626	581.617	581.552	581.514	---	9
10	---	---	---	---	---	581.733	581.679	581.628	581.613	581.551	---	---	10
11	---	---	---	---	---	581.749	581.687	581.639	581.610	581.550	---	---	11
12	---	---	---	---	---	581.739	581.696	581.647	581.606	581.548	---	---	12
13	---	---	---	---	---	581.738	581.692	581.646	581.602	581.544	---	---	13
14	---	---	---	---	---	581.736	581.682	581.644	581.599	581.543	---	---	14
15	---	---	---	---	---	581.733	581.683	581.651	581.597	581.541	---	---	15
16	---	---	---	---	---	581.730	581.679	581.645	581.595	581.539	---	---	16
17	---	---	---	---	---	581.726	581.674	581.645	581.592	581.538	---	---	17
18	---	---	---	---	581.717	581.722	581.669	581.622	581.588	581.537	---	---	18
19	---	---	---	---	---	581.716	581.674	581.657	581.584	581.534	---	---	19
20	---	---	---	---	---	581.710	581.670	581.656	581.580	581.534	---	---	20
21	---	---	---	---	---	581.709	581.663	581.656	581.579	581.524	---	---	21
22	---	---	---	---	581.700	581.700	581.660	581.658	581.573	581.530	---	---	22
23	---	---	---	---	581.696	581.701	581.655	581.663	581.570	581.526	---	---	23
24	---	---	---	---	---	581.706	581.650	581.660	581.567	581.526	---	---	24
25	---	---	---	---	---	581.704	581.643	581.656	581.564	581.525	---	---	25
26	---	---	---	---	---	581.700	581.641	581.655	581.564	581.524	---	---	26
27	---	---	---	---	---	581.697	581.637	581.656	581.564	581.514	---	---	27
28	---	---	---	---	---	581.691	581.633	581.654	581.566	581.514	---	---	28
29	---	---	---	---	---	581.681	581.623	581.659	581.566	581.521	---	---	29
30	---		---	---	---	581.684	581.623	581.655	581.564	581.520	---	---	30
31	---		---		---		581.623	581.651		581.518		---	31
MEAN	---	---	---	---	---	581.724	581.668	581.640	581.598	581.538	---	---	MEAN
MAX	---	---	---	---	---	581.755	581.697	581.667	581.646	581.562	---	---	MAX
MIN	---	---	---	---	---	581.681	581.623	581.616	581.564	581.514	---	---	MIN

SUMMARY FOR THE YEAR 1986

WATER LEVELS IN METRES

MINIMUM DAILY, 581.508 ON NOV 1

TYPE OF GAUGE - MANUAL
LOCATION - LAT 53 13 25 N
LONG 107 10 17 W
DATA CONTRIBUTED BY -
SASKATCHEWAN WATER CORPORATION

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

SHEPHERD DITCH NEAR CONSUL - STATION NO. 11AB020

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0 B	0.024B	0.176	0	0.001	0.034	0	0.001	0.002A	---	1
2	---	---	0 B	0.021B	0.177	0	0.001	0.035	0	0.001	---	---	2
3	---	---	0 B	0.045B	0.174	0	0.001	0.037	0	0.001	---	---	3
4	---	---	0 B	0.106B	0.167	0	0.002	0.034	0	0.001	---	---	4
5	---	---	0 B	0.165B	0.126	0	0.003	0.033	0	0.001	---	---	5
6	---	---	0 B	0.222B	0.128	0	0.002	0.033	0	0.001	---	---	6
7	---	---	0 B	0.264	0.135	0	0.002	0.032	0	0.001	---	---	7
8	---	---	0 B	0.315	0.148	0	0.002	0.035	0	0.001	---	---	8
9	---	---	0 B	0.268	0.165	0	0.002	0.032	0	0.001	---	---	9
10	---	---	0 B	0.226	0.156	0	0.002	0.026	0	0.001	---	---	10
11	---	---	0 B	0.226	0.186	0	0.002	0.020	0.001	0.001	---	---	11
12	---	---	0 B	0.232	0.158	0	0.002	0.001	0.001	0.001	---	---	12
13	---	---	0 B	0.215	0.161	0	0.002	0.001	0.001	0.001	---	---	13
14	---	---	0 B	0.182	0.179	0	0.003	0	0.001	0.004	---	---	14
15	---	---	0 B	0.199	0.159	0	0.002	0	0.001	0.006	---	---	15
16	---	---	0 B	0.206	0.163	0	0.002	0	0.001	0.006	---	---	16
17	---	---	0 B	0.207	0.161	0	0.002	0	0.001	0.005	---	---	17
18	---	---	0 B	0.204	0.155	0	0.003	0	0.001	0.004	---	---	18
19	---	---	0 B	0.201	0.016	0	0.003	0	0.001	0.004	---	---	19
20	---	---	0 B	0.182	0.003	0	0.004	0.001	0.001	0.004	---	---	20
21	---	---	0 B	0.183	0.001	0	0.004	0.001	0.001	0.004	---	---	21
22	---	---	0 B	0.181	0.001	0	0.003	0.001	0.001	0.003	---	---	22
23	---	---	0 B	0.178	0.001	0	0.003	0.001	0.001	0.003	---	---	23
24	---	---	0 B	0.174	0.001	0	0.003	0.001	0.001	0.003	---	---	24
25	---	---	0.001B	0.173	0	0	0.003	0.001	0.001	0.003	---	---	25
26	---	---	0.002B	0.181	0	0	0.004	0.001	0.001	0.003	---	---	26
27	---	---	0.003B	0.184	0	0	0.006	0.001	0.001	0.002	---	---	27
28	---	---	0.004B	0.165	0.001	0	0.010	0.001	0.001	0.002	---	---	28
29	---	---	0.005B	0.166	0.001	0.001	0.021	0.001	0.001	0.002	---	---	29
30	---		0.018B	0.176	0.001	0.001	0.028	0.001	0.001	0.002	---	---	30
31	---		0.025B		0		0.033	0.001		0.002		---	31
TOTAL	---	---	0.058	5.566	3.056	0.002	0.163	0.365	0.020	0.077	---	---	TOTAL
MEAN	---	---	0.002	0.186	0.099	0	0.005	0.012	0.001	0.002	---	---	MEAN
MAX	---	---	0.025	0.315	0.186	0.001	0.033	0.037	0.001	0.006	---	---	MAX
MIN	---	---	0	0.021	0	0	0.001	0	0	0.001	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.038
MAXIMUM DAILY, 0.315 ON APR 8
MINIMUM DAILY, 0B ON MAR 1

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 24 50 N
LONG 109 44 30 W

A - MANUAL GAUGE
B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	14.1
FEB	---	AUG	31.5
MAR	5.01	SEP	1.73
APR	481	OCT	6.65
MAY	264	NOV	---
JUN	0.17	DEC	---

TOTAL DISCHARGE, 804 dam³

SHORT CREEK NEAR ROCHE PERCEE - STATION NO. 05ND021

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0B	0 B	0 B	0.002	0.005	0	0	0	0	0	0	0B	1
2	0B	0 B	0 B	0.002	0.006	0	0	0	0	0	0	0B	2
3	0B	0 B	0 B	0.002	0.003	0	0	0	0	0	0	0B	3
4	0B	0 B	0 B	0.002	0.001	0	0	0	0	0	0	0B	4
5	0B	0 B	0.001B	0.002	0.001	0	0	0	0	0	0	0B	5
6	0B	0 B	0.001B	0.002A	0	0	0.001	0	0	0	0	0B	6
7	0B	0 B	0.002B	0	0.001	0	0	0	0	0	0	0B	7
8	0B	0 B	0.002B	0	0.003	0	0	0	0	0	0	0B	8
9	0B	0 B	0.002B	0.001	0.002	0	0	0	0	0	0	0B	9
10	0B	0 B	0.001B	0.002	0.002	0	0	0	0	0	0	0B	10
11	0B	0 B	0 B	0.002	0.002	0	0	0	0	0	0	0B	11
12	0B	0 B	0 B	0.002	0.003	0	0	0	0	0	0	0B	12
13	0B	0 B	0 B	0.003	0.002	0	0	0	0	0	0	0B	13
14	0B	0 B	0 B	0.004	0.003	0	0	0	0	0	0B	0B	14
15	0B	0 B	0 B	0.005	0.002	0	0	0	0	0	0B	0B	15
16	0B	0 B	0.001B	0.006	0.002	0	0	0	0	0	0B	0B	16
17	0B	0 B	0.001B	0.006	0.001	0	0	0	0	0	0B	0B	17
18	0B	0 B	0.002B	0.006	0.002	0	0	0	0	0	0B	0B	18
19	0B	0 B	0.002B	0.006	0.002	0	0	0	0	0	0B	0B	19
20	0B	0 B	0.002B	0.006	0.002	0	0	0	0	0	0B	0B	20
21	0B	0 B	0.003B	0.005	0.002	0	0	0	0	0	0B	0B	21
22	0B	0 B	0.004B	0.005	0.001	0	0	0	0	0	0B	0B	22
23	0B	0 B	0.004B	0.005	0.001	0	0	0	0	0	0B	0B	23
24	0B	0 B	0.003B	0.005	0	0	0	0	0	0	0B	0B	24
25	0B	0 B	0.003B	0.005	0	0	0	0	0	0	0B	0B	25
26	0B	0.001B	0.003B	0.005	0	0	0	0	0	0	0B	0B	26
27	0B	0.003B	0.003B	0.005	0	0	0	0	0	0	0B	0B	27
28	0B	0.002B	0.002B	0.005	0	0	0	0	0	0	0B	0B	28
29	0B	0.001B	0.002B	0.005	0	0	0	0	0	0	0B	0B	29
30	0B		0.002B	0.005	0	0	0	0	0	0	0B	0B	30
31	0B		0.002B		0		0	0		0		0B	31
TOTAL	0	0.007	0.048	0.113	0.048	0	0.001	0	0	0	0	0	TOTAL
MEAN	0	0	0.002	0.004	0.002	0	0	0	0	0	0	0	MEAN
MAX	0	0.003	0.004	0.006	0.006	0	0.001	0	0	0	0	0	MAX
MIN	0	0	0	0	0	0	0	0	0	0	0	0	MIN

SUMMARY FOR THE YEAR 1988

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.001
MAXIMUM DAILY, 0.006 ON APR 16
MINIMUM DAILY, 0B ON JAN 1
MAXIMUM INSTANTANEOUS,
0.009 AT 09:23 CST ON MAY 2

INTERNATIONAL GAUGING STATION
TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 01 52 N
LONG 102 50 57 W
DRAINAGE AREA, 1 210 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	0	JUL	0.09
FEB	0.60	AUG	0
MAR	4.15	SEP	0
APR	9.76	OCT	0
MAY	4.15	NOV	0
JUN	0	DEC	0

TOTAL DISCHARGE, 18.8 dam³

SILTON INDEX RESERVOIR - STATION NO. 05JH007

DAILY WATER LEVEL IN METRES FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	---	---	---	---	---	---	---	---	1
2	---	---	---	---	28.221	---	---	---	---	---	---	---	2
3	---	---	---	---	---	---	---	---	---	---	---	---	3
4	---	---	---	---	---	---	---	27.676	---	---	---	---	4
5	---	---	---	---	---	---	---	---	---	---	---	---	5
6	---	---	---	---	---	---	---	---	---	---	---	---	6
7	---	---	---	---	---	---	---	---	---	---	---	---	7
8	---	---	---	28.308	---	---	---	---	---	---	---	---	8
9	---	---	---	---	---	28.082	---	---	---	---	---	---	9
10	---	---	---	---	---	---	---	---	---	---	---	---	10
11	---	---	---	---	---	---	---	---	---	---	---	---	11
12	---	---	---	---	---	---	---	---	---	---	---	---	12
13	---	---	---	---	---	---	---	---	---	---	---	---	13
14	---	---	---	---	---	---	---	---	---	---	---	---	14
15	---	---	---	---	---	---	---	---	---	---	---	---	15
16	---	---	---	---	---	---	---	---	---	---	---	---	16
17	---	---	---	---	---	---	---	---	---	---	---	---	17
18	---	---	---	---	---	---	---	---	---	---	---	---	18
19	---	---	---	---	---	---	---	---	---	---	---	---	19
20	---	---	---	---	---	---	---	---	---	---	---	---	20
21	---	---	---	---	---	---	---	---	---	---	---	---	21
22	---	---	---	---	---	---	---	---	---	---	---	---	22
23	---	---	---	---	---	---	---	---	---	---	---	---	23
24	---	---	---	---	---	---	---	---	---	---	---	---	24
25	---	---	---	---	---	---	---	---	---	---	---	---	25
26	---	27.884	---	---	---	---	---	---	---	---	---	---	26
27	---	---	---	---	---	27.839	---	---	27.338	---	---	---	27
28	---	27.869E	---	---	---	---	---	---	---	---	---	---	28
29	---	---	---	---	---	---	---	---	---	---	---	---	29
30	---		---	28.227E	---	27.838E	---	27.476	27.330E	---	---	---	30
31	---		28.288E		28.100E		27.705E	27.478E		27.248		---	31
MEAN	---	---	---	---	---	---	---	---	---	---	---	---	MEAN
MAX	---	---	---	---	---	---	---	---	---	---	---	---	MAX
MIN	---	---	---	---	---	---	---	---	---	---	---	---	MIN

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - MANUAL
LOCATION - LAT 50 47 58 N
LONG 104 54 11 W

E - ESTIMATED

WATER LEVELS ARE REFERRED TO ASSUMED DATUM

DRAINAGE AREA, 19.7 km²

SMITH CREEK NEAR MARCHWELL - STATION NO. 05ME007

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.008B	0.080B	0.259	0.013	0	0	0	0	---	---	1
2	---	---	0.018B	0.300B	0.500	0.011	0	0	0	0	---	---	2
3	---	---	0.012B	1.00 B	0.771	0.008	0	0	0	0	---	---	3
4	---	---	0.011B	2.20 B	0.808	0.008	0	0	0	0	---	---	4
5	---	---	0.008B	1.90 A	0.440	0.004	0	0	0	0	---	---	5
6	---	---	0.007B	1.80 E	0.348	0.001	0	0	0	0	---	---	6
7	---	---	0.005B	1.30 E	0.325	0	0	0	0	0	---	---	7
8	---	---	0.005B	1.00 E	0.374	0	0	0	0	0	---	---	8
9	---	---	0.004B	0.700E	0.253	0	0	0	0	0	---	---	9
10	---	---	0.004B	0.473E	0.221	0	0	0	0	0	---	---	10
11	---	---	0.002B	0.850E	0.185	0	0	0	0	0	---	---	11
12	---	---	0.003B	0.900A	0.161	0	0	0	0	0	---	---	12
13	---	---	0.002B	0.841	0.131	0	0	0	0	0	---	---	13
14	---	---	0.002B	0.837	0.105	0	0	0	0	0	---	---	14
15	---	---	0.001B	0.811	0.133	0	0	0	0	0	---	---	15
16	---	---	0.001B	0.781	0.114	0	0	0	0	0	---	---	16
17	---	---	0.001B	0.869	0.098	0	0	0	0	0	---	---	17
18	---	---	0.001B	0.838	0.085	0	0	0	0	0	---	---	18
19	---	---	0.002B	0.882	0.085	0	0	0	0	0	---	---	19
20	---	---	0.006B	0.518	0.088	0	0	0	0	0	---	---	20
21	---	---	0.010B	0.460	0.066	0	0	0	0	0	---	---	21
22	---	---	0.014B	0.413	0.053	0	0	0	0	0	---	---	22
23	---	---	0.017B	0.385	0.043	0	0	0	0	0	---	---	23
24	---	---	0.016B	0.324	0.035	0	0	0	0	0	---	---	24
25	---	---	0.014B	0.278	0.033	0	0	0	0	0	---	---	25
26	---	---	0.013B	0.230	0.028	0	0	0	0	0	---	---	26
27	---	---	0.012B	0.256	0.026	0	0	0	0	0	---	---	27
28	---	---	0.011B	0.305	0.023	0	0	0	0	0	---	---	28
29	---	---	0.011B	0.232	0.021	0	0	0	0	0	---	---	29
30	---		0.012B	0.190	0.018	0	0	0	0	0	---	---	30
31	---		0.026B		0.015		0	0		0		---	31
TOTAL	---	---	0.259	20.903	5.628	0.044	0	0	0	0	---	---	TOTAL
MEAN	---	---	0.008	0.697	0.182	0.001	0	0	0	0	---	---	MEAN
MAX	---	---	0.026	2.20	0.771	0.013	0	0	0	0	---	---	MAX
MIN	---	---	0.001	0.080	0.015	0	0	0	0	0	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.110
MAXIMUM DAILY, 2.20B ON APR 4
MINIMUM DAILY, 0 ON JUN 7

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 48 58 N
LONG 101 34 43 W
DRAINAGE AREA, 435 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	0
FEB	---	AUG	0
MAR	22.4	SEP	0
APR	1 810	OCT	0
MAY	486	NOV	---
JUN	3.80	DEC	---

TOTAL DISCHARGE, 2 320 dam³

SMOOTHSTONE RIVER BELOW EMMELINE LAKE - STATION NO. 06CC001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	2.84B	2.72B	3.42B	3.81B	22.5	25.6	9.80	10.5	20.6	9.69	5.49	4.80B	1
2	2.85B	2.77B	3.32B	3.51B	23.2	24.7	9.44	9.60	19.6	9.05	5.52	4.77B	2
3	2.85B	2.78B	3.22B	3.21B	24.4	24.4	9.37	9.12	18.5	8.82	5.51	4.76B	3
4	2.78B	2.77B	3.18B	2.94B	25.4	23.3	9.36	8.95	18.1	8.51	5.36	4.67B	4
5	2.87B	2.72B	3.16B	3.02B	26.2	22.6	9.16	9.28	17.3	8.30	5.36	4.68B	5
6	2.88B	2.74B	3.26B	3.09B	27.1	21.6	8.90	9.41	18.6	8.28	5.53B	4.63B	6
7	2.98B	2.88B	3.29B	3.09B	28.3	20.7	8.01	12.2	18.7	8.09	5.26B	4.46B	7
8	2.97B	2.65B	3.20B	3.18B	30.5	19.8	8.75	13.7	17.7	7.94	5.49B	3.87B	8
9	2.98B	2.55B	3.22B	3.31B	31.9	19.6	8.28	13.3	16.9	7.84	5.03B	3.84B	9
10	2.97B	2.59B	3.26B	3.41B	32.3	19.4	8.30	13.2	14.9	8.07	5.03B	3.59B	10
11	2.98B	2.54B	3.27B	3.45B	33.2	19.3	7.88	13.0	14.2	7.25	5.84B	3.75B	11
12	3.11B	2.55B	3.16B	3.61B	33.7	18.7	7.34	12.5	13.7	7.01	5.89B	3.97B	12
13	3.31B	2.80B	3.08B	3.69B	33.6	18.4	8.29	12.1	13.8	7.13	5.70B	4.00B	13
14	3.37B	2.73B	2.98B	3.87B	33.0	17.1	10.7	11.7	13.0	7.07	5.55B	3.73B	14
15	3.41B	2.90B	2.85B	4.19B	32.3	16.0	14.0	11.7	12.5	7.06	5.79B	3.41B	15
16	3.38B	2.88B	2.84B	4.90B	32.5	15.9	16.0	11.3	12.1	7.15	5.71B	3.29B	16
17	3.45B	2.88B	2.87B	5.21B	31.9	15.3	16.5	10.8	12.0	6.78	5.68B	3.26B	17
18	3.42B	2.84B	2.83B	5.59B	32.2	14.6	16.6	10.4	11.6	6.87	5.59B	3.21B	18
19	3.23B	3.04B	2.84B	6.33B	31.3	15.1	17.2	10.0	11.4	6.82	5.42B	3.20B	19
20	3.09B	3.05B	2.95B	6.88B	30.5	14.5	16.7	10.0	11.0	6.54	5.37B	3.28B	20
21	3.20B	2.85B	3.05B	6.09B	28.7	13.2	16.0	11.0	10.8	6.67	5.36B	3.07B	21
22	3.32B	2.88B	3.22B	6.71B	28.3	12.3	15.1	18.4	11.1	6.18	5.23B	2.87B	22
23	3.23B	3.08B	3.20B	6.28B	25.9	12.0	15.1	18.3	11.0	7.20	5.18B	2.70B	23
24	3.01B	2.91B	3.41B	6.71B	24.6	12.3	14.7	18.6	10.5	6.12	5.30B	2.59B	24
25	2.91B	2.92B	3.67B	10.2 B	25.7	12.6	13.7	19.2	10.1	5.78	5.34B	2.51B	25
26	2.87B	3.04B	3.56B	11.5 B	24.6	11.7	13.1	20.1	9.78	5.41	5.08B	2.45B	26
27	2.62B	3.24B	3.43B	13.1 B	23.2	10.8	12.5	21.3	9.57	5.55	4.74B	2.43B	27
28	2.74B	3.49B	3.57B	15.6 B	22.5	10.4	11.8	21.3	9.16	5.58	4.60B	2.52B	28
29	2.89B	3.63B	3.70B	18.4 B	22.1	9.95	11.3	21.2	9.46	5.54	4.79B	2.56B	29
30	2.80B		3.82B	21.7 B	21.8	9.77	10.8	20.6	9.59	5.47	4.82B	2.58B	30
31	2.72B		3.80B		23.4		10.8	20.7		5.53		2.63B	31
TOTAL	94.31	83.45	101.18	206.74	869.0	503.32	368.36	430.67	403.78	219.03	164.71	107.86	TOTAL
MEAN	3.04	2.88	3.26	6.89	28.0	16.8	11.9	13.9	13.5	7.07	5.49	3.48	MEAN
MAX	3.45	3.63	3.82	21.7	33.7	25.6	17.2	21.3	20.6	9.69	5.89	4.80	MAX
MIN	2.62	2.54	2.83	2.94	21.8	9.77	7.34	8.95	9.16	5.41	4.60	2.43	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 9.71
MAXIMUM DAILY, 33.7 ON MAY 12
MINIMUM DAILY, 2.43B ON DEC 27
MAXIMUM INSTANTANEOUS,
33.9 AT 11:30 CST ON MAY 12

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 55 08 46 N
LONG 106 12 25 W
DRAINAGE AREA, 8 020 km²

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	8 150	JUL	31 800
FEB	7 210	AUG	37 200
MAR	8 740	SEP	34 900
APR	17 900	OCT	18 900
MAY	75 100	NOV	14 200
JUN	43 500	DEC	9 320

TOTAL DISCHARGE, 307 000 dam³

SNAKEBITE CREEK NEAR BEECHY - STATION NO. 05HE001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0	0	0	0	0	0	0	0	---	---	1
2	---	---	0	0	0	0	0	0	0	0	---	---	2
3	---	---	0	0	0	0	0	0	0	0	---	---	3
4	---	---	0	0	0	0	0	0	0	0	---	---	4
5	---	---	0	0	0	0	0	0	0	0	---	---	5
6	---	---	0	0	0	0	0	0	0	0	---	---	6
7	---	---	0	0	0	0	0	0	0	0	---	---	7
8	---	---	0	0	0	0	0	0	0	0	---	---	8
9	---	---	0	0	0	0	0	0	0	0	---	---	9
10	---	---	0	0	0	0	0	0	0	0	---	---	10
11	---	---	0	0	0	0	0	0	0	0	---	---	11
12	---	---	0	0	0	0	0	0	0	0	---	---	12
13	---	---	0	0	0	0	0	0	0	0	---	---	13
14	---	---	0	0	0	0	0	0	0	0	---	---	14
15	---	---	0	0	0	0	0	0	0	0	---	---	15
16	---	---	0	0	0	0	0	0	0	0	---	---	16
17	---	---	0	0	0	0	0	0	0	0	---	---	17
18	---	---	0	0	0	0	0	0	0	0	---	---	18
19	---	---	0	0	0	0	0	0	0	0	---	---	19
20	---	---	0	0	0	0	0	0	0	0	---	---	20
21	---	---	0	0	0	0	0	0	0	0	---	---	21
22	---	---	0	0	0	0	0	0	0	0	---	---	22
23	---	---	0	0	0	0	0	0	0	0	---	---	23
24	---	---	0	0	0	0	0	0	0	0	---	---	24
25	---	---	0	0	0	0	0	0	0	0	---	---	25
26	---	---	0	0	0	0	0	0	0	0	---	---	26
27	---	---	0	0	0	0	0	0	0	0	---	---	27
28	---	---	0	0	0	0	0	0	0	0	---	---	28
29	---	---	0	0	0	0	0	0	0	0	---	---	29
30	---		0	0	0	0	0	0	0	0	---	---	30
31	---		0		0		0	0		0		---	31
TOTAL	---	---	0	0	0	0	0	0	0	0	---	---	TOTAL
MEAN	---	---	0	0	0	0	0	0	0	0	---	---	MEAN
MAX	---	---	0	0	0	0	0	0	0	0	---	---	MAX
MIN	---	---	0	0	0	0	0	0	0	0	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0
MAXIMUM DAILY, 0 ON MAR 1
MINIMUM DAILY, 0 ON MAR 1
MAXIMUM INSTANTANEOUS,
0 AT 00:00 CST ON MAR 1

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 48 05 N
LONG 107 18 31 W
DRAINAGE AREA, 661 km²

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	0
FEB	---	AUG	0
MAR	0	SEP	0
APR	0	OCT	0
MAY	0	NOV	---
JUN	0	DEC	---

TOTAL DISCHARGE, 0 dam³

SNIPE LAKE NORTH INFLOW - STATION NO. 05HC003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0	0	0	0	0	0	0	0	---	---	1
2	---	---	0	0	0	0	0	0	0	0	---	---	2
3	---	---	0	0	0	0	0	0	0	0	---	---	3
4	---	---	0	0.003A	0	0	0	0	0	0	---	---	4
5	---	---	0	0.005	0	0	0	0	0	0	---	---	5
6	---	---	0	0.003	0	0	0	0	0	0	---	---	6
7	---	---	0	0.001	0	0	0	0	0	0	---	---	7
8	---	---	0	0	0	0	0	0	0	0	---	---	8
9	---	---	0	0	0	0	0	0	0	0	---	---	9
10	---	---	0	0	0	0	0	0	0	0	---	---	10
11	---	---	0	0	0	0	0	0	0	0	---	---	11
12	---	---	0	0	0	0	0	0	0	0	---	---	12
13	---	---	0	0	0	0	0	0	0	0	---	---	13
14	---	---	0	0	0	0	0	0	0	0	---	---	14
15	---	---	0	0	0	0	0	0	0	0	---	---	15
16	---	---	0	0	0	0	0	0	0	0	---	---	16
17	---	---	0	0	0	0	0	0	0	0	---	---	17
18	---	---	0	0	0	0	0	0	0	0	---	---	18
19	---	---	0	0	0	0	0	0	0	0	---	---	19
20	---	---	0	0	0	0	0	0	0	0	---	---	20
21	---	---	0	0	0	0	0	0	0	0	---	---	21
22	---	---	0	0	0	0	0	0	0	0	---	---	22
23	---	---	0	0	0	0	0	0	0	0	---	---	23
24	---	---	0	0	0	0	0	0	0	0	---	---	24
25	---	---	0	0	0	0	0	0	0	0	---	---	25
26	---	---	0	0	0	0	0	0	0	0	---	---	26
27	---	---	0	0	0	0	0	0	0	0	---	---	27
28	---	---	0	0	0	0	0	0	0	0	---	---	28
29	---	---	0	0	0	0	0	0	0	0	---	---	29
30	---		0	0	0	0	0	0	0	0	---	---	30
31	---		0		0		0	0		0		---	31
TOTAL	---	---	0	0.012	0	0	0	0	0	0	---	---	TOTAL
MEAN	---	---	0	0	0	0	0	0	0	0	---	---	MEAN
MAX	---	---	0	0.005	0	0	0	0	0	0	---	---	MAX
MIN	---	---	0	0	0	0	0	0	0	0	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0
MAXIMUM DAILY, 0.005 ON APR 5
MINIMUM DAILY, 0 ON MAR 1
MAXIMUM INSTANTANEOUS,
0.005 AT 15:07 CST ON APR 4

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 51 21 15 N
LONG 108 51 46 W
DRAINAGE AREA, 44.0 km²
A - MANUAL GAUGE

REGULATED

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	0
FEB	---	AUG	0
MAR	0	SEP	0
APR	1.04	OCT	0
MAY	0	NOV	---
JUN	0	DEC	---

TOTAL DISCHARGE, 1.04 dam³

SOURIS RIVER NEAR BECHARD - STATION NO. 05NB031

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0	0	0	0	0	0	0	0	---	---	1
2	---	---	0	0	0	0	0	0	0	0	---	---	2
3	---	---	0	0	0	0	0	0	0	0	---	---	3
4	---	---	0	0	0	0	0	0	0	0	---	---	4
5	---	---	0	0	0	0	0	0	0	0	---	---	5
6	---	---	0	0	0	0	0	0	0	0	---	---	6
7	---	---	0	0	0	0	0	0	0	0	---	---	7
8	---	---	0	0	0	0	0	0	0	0	---	---	8
9	---	---	0	0	0	0	0	0	0	0	---	---	9
10	---	---	0	0	0	0	0	0	0	0	---	---	10
11	---	---	0	0	0	0	0	0	0	0	---	---	11
12	---	---	0	0	0	0	0	0	0	0	---	---	12
13	---	---	0	0	0	0	0	0	0	0	---	---	13
14	---	---	0	0	0	0	0	0	0	0	---	---	14
15	---	---	0	0	0	0	0	0	0	0	---	---	15
16	---	---	0	0	0	0	0	0	0	0	---	---	16
17	---	---	0	0	0	0	0	0	0	0	---	---	17
18	---	---	0	0	0	0	0	0	0	0	---	---	18
19	---	---	0	0	0	0	0	0	0	0	---	---	19
20	---	---	0	0	0	0	0	0	0	0	---	---	20
21	---	---	0	0	0	0	0	0	0	0	---	---	21
22	---	---	0	0	0	0	0	0	0	0	---	---	22
23	---	---	0	0	0	0	0	0	0	0	---	---	23
24	---	---	0	0	0	0	0	0	0	0	---	---	24
25	---	---	0	0	0	0	0	0	0	0	---	---	25
26	---	---	0	0	0	0	0	0	0	0	---	---	26
27	---	---	0	0	0	0	0	0	0	0	---	---	27
28	---	---	0	0	0	0	0	0	0	0	---	---	28
29	---	---	0	0	0	0	0	0	0	0	---	---	29
30	---		0	0	0	0	0	0	0	0	---	---	30
31	---		0		0		0	0		0		---	31
TOTAL	---	---	0	0	0	0	0	0	0	0	---	---	TOTAL
MEAN	---	---	0	0	0	0	0	0	0	0	---	---	MEAN
MAX	---	---	0	0	0	0	0	0	0	0	---	---	MAX
MIN	---	---	0	0	0	0	0	0	0	0	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0
MAXIMUM DAILY, 0 ON MAR 1
MINIMUM DAILY, 0 ON MAR 1
MAXIMUM INSTANTANEOUS,
0 AT 00:00 CST ON MAR 1

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 55 20 N
LONG 104 11 24 W
DRAINAGE AREA, 1 070 km²

REGULATED

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	0
FEB	---	AUG	0
MAR	0	SEP	0
APR	0	OCT	0
MAY	0	NOV	---
JUN	0	DEC	---

TOTAL DISCHARGE, 0 dam³

SOURIS RIVER NEAR GLEN EWEN - STATION NO. 05NB001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0B	0B	0B	0.051B	0.020	0.004	0	0	0	0	0B	0B	1
2	0B	0B	0B	0.057B	0.057	0.002	0	0	0	0	0B	0B	2
3	0B	0B	0B	0.056B	0.071	0	0	0	0	0	0B	0B	3
4	0B	0B	0B	0.071B	0.105	0	0	0	0	0	0B	0B	4
5	0B	0B	0B	0.046B	0.078	0	0	0	0	0	0B	0B	5
6	0B	0B	0B	0.035B	0.064	0	0	0	0	0	0B	0B	6
7	0B	0B	0.015B	0.045B	0.057	0	0	0	0	0	0B	0B	7
8	0B	0B	0.044B	0.056	0.048	0	0	0	0	0	0B	0B	8
9	0B	0B	0.052B	0.057	0.047	0	0	0	0	0	0B	0B	9
10	0B	0B	0.053B	0.062	0.041	0	0	0	0	0	0B	0B	10
11	0B	0B	0.045B	0.066	0.043	0	0	0	0	0	0B	0B	11
12	0B	0B	0.038B	0.082	0.032	0	0	0	0	0	0B	0B	12
13	0B	0B	0.022B	0.083	0.053	0	0	0	0	0	0B	0B	13
14	0B	0B	0.013B	0.084	0.114	0	0	0	0	0	0B	0B	14
15	0B	0B	0.011B	0.085	0.112	0	0	0	0	0	0B	0B	15
16	0B	0B	0.009B	0.085	0.143	0	0	0	0	0	0B	0B	16
17	0B	0B	0.009B	0.083	0.128	0	0	0	0	0	0B	0B	17
18	0B	0B	0.012B	0.057	0.094	0	0	0	0	0	0B	0B	18
19	0B	0B	0.015B	0.048	0.078	0	0	0	0	0	0B	0B	19
20	0B	0B	0.017B	0.041	0.084	0	0	0	0	0	0B	0B	20
21	0B	0B	0.023B	0.040	0.081	0	0	0	0	0	0B	0B	21
22	0B	0B	0.040B	0.034	0.057	0	0	0	0	0	0B	0B	22
23	0B	0B	0.055B	0.031	0.053	0	0	0	0	0	0B	0B	23
24	0B	0B	0.077B	0.028	0.038	0	0	0	0	0	0B	0B	24
25	0B	0B	0.072B	0.025	0.028	0	0	0	0	0	0B	0B	25
26	0B	0B	0.064B	0.025	0.027	0	0	0	0	0	0B	0B	26
27	0B	0B	0.062B	0.018	0.027	0	0	0	0	0	0B	0B	27
28	0B	0B	0.058B	0.015	0.020	0	0	0	0	0B	0B	0B	28
29	0B	0B	0.047B	0.011	0.015	0	0	0	0	0B	0B	0B	29
30	0B		0.047B	0.012	0.011	0	0	0	0	0B	0B	0B	30
31	0B		0.043B		0.009		0	0		0B		0B	31
TOTAL	0	0	0.943	1.491	1.864	0.006	0	0	0	0	0	0	TOTAL
MEAN	0	0	0.030	0.050	0.060	0	0	0	0	0	0	0	MEAN
MAX	0	0	0.077	0.085	0.143	0.004	0	0	0	0	0	0	MAX
MIN	0	0	0	0.011	0.009	0	0	0	0	0	0	0	MIN

SUMMARY FOR THE YEAR 1988

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.012
MAXIMUM DAILY, 0.143 ON MAY 16
MINIMUM DAILY, 0B ON JAN 1
MAXIMUM INSTANTANEOUS,
0.164 AT 22:31 CST ON MAY 16

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 11 02 N
LONG 102 01 42 W
DRAINAGE AREA, 22 100 km²

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	0	JUL	0
FEB	0	AUG	0
MAR	81.5	SEP	0
APR	129	OCT	0
MAY	161	NOV	0
JUN	0.52	DEC	0

TOTAL DISCHARGE, 372 dam³

SOURIS RIVER NEAR HALBRITE - STATION NO. 05NB017

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0B	0.036B	0.021	0	0	0	0	0	---	---	1
2	---	---	0B	0.387B	0.023	0	0	0	0	0	---	---	2
3	---	---	0B	0.360B	0.029	0	0	0	0	0	---	---	3
4	---	---	0B	0.353	0.028	0	0	0	0	0	---	---	4
5	---	---	0B	0.302	0.025	0	0	0	0	0	---	---	5
6	---	---	0B	0.258	0.021	0	0	0	0	0	---	---	6
7	---	---	0B	0.287	0.020	0	0	0	0	0	---	---	7
8	---	---	0B	0.373	0.018	0	0	0	0	0	---	---	8
9	---	---	0B	0.337	0.013	0	0	0	0	0	---	---	9
10	---	---	0B	0.302	0.009	0	0	0	0	0	---	---	10
11	---	---	0B	0.358	0.008	0	0	0	0	0	---	---	11
12	---	---	0B	0.228	0.005	0	0	0	0	0	---	---	12
13	---	---	0B	0.352	0.003	0	0	0	0	0	---	---	13
14	---	---	0B	0.385	0.003	0	0	0	0	0	---	---	14
15	---	---	0B	0.341	0.003	0	0	0	0	0	---	---	15
16	---	---	0B	0.307	0.003	0	0	0	0	0	---	---	16
17	---	---	0B	0.301	0.002	0	0	0	0	0	---	---	17
18	---	---	0B	0.302	0.002	0	0	0	0	0	---	---	18
19	---	---	0B	0.274	0.002	0	0	0	0	0	---	---	19
20	---	---	0B	0.251	0.002	0	0	0	0	0	---	---	20
21	---	---	0B	0.222	0.002	0	0	0	0	0	---	---	21
22	---	---	0B	0.178	0.002	0	0	0	0	0	---	---	22
23	---	---	0B	0.133	0.002	0	0	0	0	0	---	---	23
24	---	---	0B	0.112	0.001	0	0	0	0	0	---	---	24
25	---	---	0B	0.081	0.001	0	0	0	0	0	---	---	25
26	---	---	0B	0.053	0.001	0	0	0	0	0	---	---	26
27	---	---	0B	0.040	0.001	0	0	0	0	0	---	---	27
28	---	---	0B	0.037	0.001	0	0	0	0	0	---	---	28
29	---	---	0B	0.033	0	0	0	0	0	0	---	---	29
30	---		0B	0.025	0	0	0	0	0	0	---	---	30
31	---		0B		0		0	0		0		---	31
TOTAL	---	---	0	6.939	0.252	0	0	0	0	0	---	---	TOTAL
MEAN	---	---	0	0.231	0.008	0	0	0	0	0	---	---	MEAN
MAX	---	---	0	0.387	0.029	0	0	0	0	0	---	---	MAX
MIN	---	---	0	0.025	0	0	0	0	0	0	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.029
MAXIMUM DAILY, 0.387B ON APR 2
MINIMUM DAILY, 0B ON MAR 1
MAXIMUM INSTANTANEOUS,
0.432B AT 01:53 CST ON APR 3

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 29 37 N
LONG 103 38 44 W
DRAINAGE AREA, 3 150 km²

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	0
FEB	---	AUG	0
MAR	0	SEP	0
APR	600	OCT	0
MAY	21.8	NOV	---
JUN	0	DEC	---

TOTAL DISCHARGE, 622 dam³

REMARKS - THE MAXIMUM INSTANTANEOUS DISCHARGE WAS A RESULT OF A SEWAGE RELEASE FROM THE WEYBURN LAGOON

SOURIS RIVER NEAR MCTAGGART - STATION NO. 05NB020

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0	0	0	0	0	0	0	0	---	---	1
2	---	---	0	0	0	0	0	0	0	0	---	---	2
3	---	---	0	0	0	0	0	0	0	0	---	---	3
4	---	---	0	0	0	0	0	0	0	0	---	---	4
5	---	---	0	0	0	0	0	0	0	0	---	---	5
6	---	---	0	0	0	0	0	0	0	0	---	---	6
7	---	---	0	0	0	0	0	0	0	0	---	---	7
8	---	---	0	0	0	0	0	0	0	0	---	---	8
9	---	---	0	0	0	0	0	0	0	0	---	---	9
10	---	---	0	0	0	0	0	0	0	0	---	---	10
11	---	---	0	0	0	0	0	0	0	0	---	---	11
12	---	---	0	0	0	0	0	0	0	0	---	---	12
13	---	---	0	0	0	0	0	0	0	0	---	---	13
14	---	---	0	0	0	0	0	0	0	0	---	---	14
15	---	---	0	0	0	0	0	0	0	0	---	---	15
16	---	---	0	0	0	0	0	0	0	0	---	---	16
17	---	---	0	0	0	0	0	0	0	0	---	---	17
18	---	---	0	0	0	0	0	0	0	0	---	---	18
19	---	---	0	0	0	0	0	0	0	0	---	---	19
20	---	---	0	0	0	0	0	0	0	0	---	---	20
21	---	---	0	0	0	0	0	0	0	0	---	---	21
22	---	---	0	0	0	0	0	0	0	0	---	---	22
23	---	---	0	0	0	0	0	0	0	0	---	---	23
24	---	---	0	0	0	0	0	0	0	0	---	---	24
25	---	---	0	0	0	0	0	0	0	0	---	---	25
26	---	---	0	0	0	0	0	0	0	0	---	---	26
27	---	---	0	0	0	0	0	0	0	0	---	---	27
28	---	---	0	0	0	0	0	0	0	0	---	---	28
29	---	---	0	0	0	0	0	0	0	0	---	---	29
30	---		0	0	0	0	0	0	0	0	---	---	30
31	---		0		0		0	0		0		---	31
TOTAL	---	---	0	0	0	0	0	0	0	0	---	---	TOTAL
MEAN	---	---	0	0	0	0	0	0	0	0	---	---	MEAN
MAX	---	---	0	0	0	0	0	0	0	0	---	---	MAX
MIN	---	---	0	0	0	0	0	0	0	0	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0
MAXIMUM DAILY, 0 ON MAR 1
MINIMUM DAILY, 0 ON MAR 1
MAXIMUM INSTANTANEOUS,
0 AT 00:00 CST ON MAR 1

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 46 10 N
LONG 104 00 58 W
DRAINAGE AREA, 2 020 km^2

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	0
FEB	---	AUG	0
MAR	0	SEP	0
APR	0	OCT	0
MAY	0	NOV	---
JUN	0	DEC	---

TOTAL DISCHARGE, 0 dam^3

SOURIS RIVER NEAR ROCHE PERCEE - STATION NO. 05NB008

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0 B	0.021B	0.035	0.001	0	0	0	0	---	---	1
2	---	---	0 B	0.031B	0.052	0.001	0	0	0	0	---	---	2
3	---	---	0 B	0.035B	0.035	0	0	0	0	0	---	---	3
4	---	---	0 B	0.027B	0.032	0	0	0	0	0	---	---	4
5	---	---	0.001B	0.026B	0.028	0	0	0	0	0	---	---	5
6	---	---	0.005B	0.023B	0.028	0	0.042	0	0	0	---	---	6
7	---	---	0.010B	0.023B	0.023	0	0.003	0	0	0	---	---	7
8	---	---	0.015B	0.023	0.023	0	0.001	0	0	0	---	---	8
9	---	---	0.020B	0.021	0.021	0	0	0	0	0	---	---	9
10	---	---	0.022B	0.021	0.017	0	0	0	0	0	---	---	10
11	---	---	0.020B	0.025	0.014	0	0	0	0	0	---	---	11
12	---	---	0.015B	0.026	0.012	0	0	0	0	0	---	---	12
13	---	---	0.008B	0.025	0.010	0	0	0	0	0	---	---	13
14	---	---	0.008B	0.035	0.010	0	0	0	0	0	---	---	14
15	---	---	0.007B	0.024	0.013	0	0	0	0	0	---	---	15
16	---	---	0.008B	0.027	0.012	0	0	0	0	0	---	---	16
17	---	---	0.008B	0.027	0.010	0	0	0	0	0	---	---	17
18	---	---	0.008B	0.027	0.010	0	0	0	0	0	---	---	18
19	---	---	0.008B	0.024	0.009	0	0	0	0	0	---	---	19
20	---	---	0.014B	0.021	0.008	0	0	0	0	0	---	---	20
21	---	---	0.016B	0.023	0.006	0	0	0	0	0	---	---	21
22	---	---	0.034B	0.026	0.007	0	0	0	0	0	---	---	22
23	---	---	0.026B	0.028	0.005	0	0	0	0	0	---	---	23
24	---	---	0.026B	0.029	0.006	0	0	0	0	0	---	---	24
25	---	---	0.016B	0.033	0.006	0	0	0	0	0	---	---	25
26	---	---	0.010B	0.030	0.005	0	0	0	0	0	---	---	26
27	---	---	0.010B	0.031	0.004	0	0	0	0	0	---	---	27
28	---	---	0.010B	0.031	0.004	0	0	0	0	0	---	---	28
29	---	---	0.011B	0.033	0.003	0	0	0	0	0	---	---	29
30	---		0.013B	0.035	0.002	0	0	0	0	0	---	---	30
31	---		0.013B		0.002		0	0		0		---	31
TOTAL	---	---	0.363	0.800	0.457	0.002	0.046	0	0	0	---	---	TOTAL
MEAN	---	---	0.012	0.027	0.015	0	0.001	0	0	0	---	---	MEAN
MAX	---	---	0.034	0.035	0.052	0.001	0.042	0	0	0	---	---	MAX
MIN	---	---	0	0.021	0.002	0	0	0	0	0	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.007
MAXIMUM DAILY, 0.052 ON MAY 2
MINIMUM DAILY, 0B ON MAR 1
MAXIMUM INSTANTANEOUS,
0.215 AT 04:33 CST ON JUL 6

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 04 34 N
LONG 102 45 53 W
DRAINAGE AREA, 12 700 km^2

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	3.97
FEB	---	AUG	0
MAR	31.4	SEP	0
APR	69.1	OCT	0
MAY	39.5	NOV	---
JUN	0.17	DEC	---

TOTAL DISCHARGE, 144 dam^3

SOURIS RIVER NEAR SHERWOOD - STATION NO. 05ND007

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0B	0 B	0.037B	0.078B	0.045	0.023	0.002	0	0	0	0	0	1
2	0B	0 B	0.027B	0.078B	0.083	0.020	0.002	0	0	0	0	0	2
3	0B	0 B	0.021B	0.078B	0.088	0.018	0.001	0	0	0	0	0	3
4	0B	0 B	0.018B	0.078B	0.079	0.015	0.001	0	0	0	0	0	4
5	0B	0 B	0.026B	0.088B	0.083	0.013	0.001	0	0	0	0	0	5
6	0B	0 B	0.034B	0.088B	0.087	0.011	0.001	0	0	0	0	0	6
7	0B	0 B	0.017B	0.078	0.083	0.010	0.001	0	0	0	0	0	7
8	0B	0 B	0.011B	0.074	0.071	0.006	0.001	0	0	0	0	0	8
9	0B	0 B	0.008B	0.066	0.078	0.003	0.001	0	0	0	0	0	9
10	0B	0 B	0.004B	0.062	0.071	0.002	0	0	0	0	0	0	10
11	0B	0 B	0.002B	0.057	0.082	0.001	0	0	0	0	0	0	11
12	0B	0 B	0.001B	0.048	0.083	0.001	0.001	0	0	0	0	0	12
13	0B	0 B	0 B	0.040	0.058	0.001	0.002	0	0	0	0	0	13
14	0B	0 B	0 B	0.034	0.058	0.001	0.002	0	0	0	0	0	14
15	0B	0 B	0 B	0.031	0.058	0.002	0.002	0	0	0	0	0	15
16	0B	0 B	0 B	0.031	0.057	0.005	0.001	0	0	0	0	0	16
17	0B	0 B	0 B	0.028	0.054	0.005	0.001	0	0	0	0	0	17
18	0B	0 B	0 B	0.028	0.054	0.002	0.001	0	0	0	0	0	18
19	0B	0 B	0 B	0.028	0.057	0.001	0	0	0	0	0	0	19
20	0B	0 B	0 B	0.034	0.074	0.001	0	0	0	0	0	0	20
21	0B	0 B	0 B	0.040	0.130	0.001	0	0	0	0	0	0	21
22	0B	0 B	0.042B	0.042	0.127	0	0	0	0	0	0	0	22
23	0B	0 B	0.085B	0.040	0.139	0	0	0	0	0	0	0	23
24	0B	0 B	0.108B	0.040	0.127	0	0	0	0	0	0	0	24
25	0B	0 B	0.108B	0.054	0.113	0	0	0	0	0	0	0	25
26	0B	0 B	0.091B	0.054	0.093	0	0	0	0	0	0	0	26
27	0B	0.008B	0.085B	0.042	0.082	0	0	0	0	0	0	0	27
28	0B	0.088B	0.082B	0.034	0.068	0	0	0	0	0	0	0	28
29	0B	0.037B	0.082B	0.028	0.057	0	0	0	0	0	0	0	29
30	0B		0.078B	0.037	0.040	0.001	0	0	0	0	0	0	30
31	0B		0.078B		0.025		0	0		0		0	31
TOTAL	0	0.133	1.045	1.543	2.303	0.144	0.021	0	0	0	0	0	TOTAL
MEAN	0	0.005	0.034	0.051	0.074	0.005	0.001	0	0	0	0	0	MEAN
MAX	0	0.088	0.108	0.088	0.139	0.023	0.002	0	0	0	0	0	MAX
MIN	0	0	0	0.028	0.025	0	0	0	0	0	0	0	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.014
MAXIMUM DAILY, 0.139 ON MAY 23
MINIMUM DAILY, 0B ON JAN 1
MAXIMUM INSTANTANEOUS,
0.153 AT 02:45 CST ON MAY 21

SUMMARY FOR THE YEAR 1988

INTERNATIONAL GAUGING STATION
TYPE OF GAUGE - RECORDING
LOCATION - LAT 48 59 24 N
LONG 101 57 28 W
DRAINAGE AREA, 22 400 km²

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	0	JUL	1.81
FEB	11.5	AUG	0
MAR	90.4	SEP	0
APR	133	OCT	0
MAY	199	NOV	0
JUN	12.4	DEC	0

TOTAL DISCHARGE, 448 dam³

SOUTH SASKATCHEWAN RIVER AT SASKATOON - STATION NO. 05HG001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	70.0B	65.8B	44.3	48.0	45.6	58.8	38.5	46.6	54.3	147 B	1
2	---	---	75.0B	67.9B	52.1	46.9	45.8	50.2	41.1	47.7	51.1	173 B	2
3	---	---	79.9B	81.4B	53.2	42.9	42.8	62.6	41.8	48.7	50.3	166 B	3
4	---	---	82.3B	101 B	56.1	41.9	40.7	51.7	47.5	46.2	48.7	129 B	4
5	---	---	73.3B	86.9B	55.6	43.1	43.2	50.1	43.8	51.2	49.8	104 B	5
6	---	---	55.2B	81.3B	44.9	38.7	48.4	55.9	44.4	50.8	53.0	120 B	6
7	---	---	53.4B	92.4B	43.3	37.1	52.3	52.6	43.6	42.4	46.4	132 B	7
8	---	---	47.8B	104 B	45.3	40.9	51.3	50.8	41.8	53.0	46.8	77.2B	8
9	---	---	46.9B	82.3B	43.8	45.6	45.3	50.6	42.8	48.1	44.3	56.5B	9
10	---	---	46.0B	61.3	41.8	44.2	45.6	53.5	43.5	49.1	42.3	99.8B	10
11	---	---	52.0B	83.7	48.2	41.1	48.9	51.5	50.7	46.9	48.3	121 B	11
12	---	---	47.0B	66.8	59.8	42.9	45.8	56.1	47.0	51.2	52.3	143 B	12
13	---	---	48.9B	64.7	61.5	35.4	48.1	56.4	46.9	47.7	43.6	164 B	13
14	---	---	56.0B	55.5A	56.9	42.3	48.0	53.4	44.2	41.1	41.7	176 B	14
15	---	---	60.2B	54.0E	57.1	43.0	47.5	53.7	42.3	51.4	34.7	166 B	15
16	---	---	60.4B	66.0E	58.9	45.4	47.7	54.0	44.7	52.3	38.7	133 B	16
17	---	---	65.0B	65.0E	57.5	42.7	47.6	58.8	44.6	49.3	58.8B	151 B	17
18	---	---	65.2B	62.0E	51.7	40.8	48.8	61.4	44.6	46.3	77.7B	149 B	18
19	---	---	58.1B	58.0E	50.8	38.1	44.7	56.1	48.0	48.0	111 B	173 B	19
20	---	---	60.2B	56.0E	52.8	38.1	46.6	53.1	46.3	48.3	150 B	173 B	20
21	---	---	56.8B	51.0E	62.4	40.4	43.4	52.8	51.7	45.8	143 B	181 B	21
22	---	---	61.5B	51.0E	64.7	42.8	47.0	51.0	48.5	47.8	142 B	147 B	22
23	---	---	64.7B	51.0E	52.6	41.4	47.2	44.5	46.3	49.4	142 B	169 B	23
24	---	---	70.6B	55.0E	56.3	41.6	47.0	44.9	44.8	44.5	163 B	171 B	24
25	---	---	65.3B	54.0E	46.1	41.3	53.3	48.1	46.4	48.7	155 B	163 B	25
26	---	---	56.7B	55.0E	51.7	41.8	51.0	40.8	50.0	51.8	149 B	138 B	26
27	---	---	54.3B	56.4A	47.5	42.0	50.8	41.4	50.8	46.7	99.6B	119 B	27
28	---	---	58.2B	58.8	42.8	41.0	51.8	48.2	52.2	37.4	65.0B	130 B	28
29	---	---	49.8B	60.9	38.8	45.3	50.0	45.4	51.2	35.8	66.8B	160 B	29
30	---		41.7B	56.5	43.4	47.5	55.8	44.1	51.1	40.4	126 B	161 B	30
31	---		57.0B		48.1		55.8	43.3		57.1		178 B	31
TOTAL	---	---	1 834.6	2 072.1	1 599.2	1 264.0	1 484.3	1 627.3	1 381.5	1 477.8	2 423.0	4 491.6	TOTAL
MEAN	---	---	59.2	69.1	51.6	42.1	47.9	52.5	46.1	47.7	80.8	145	MEAN
MAX	---	---	82.3	104	64.7	48.0	55.8	62.6	52.2	57.1	163	181	MAX
MIN	---	---	41.7	51.0	38.8	35.4	40.7	40.8	38.5	35.8	34.7	56.5	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 64.2

MINIMUM DAILY, 34.7 ON NOV 15

SUMMARY FOR THE MONTHS MAR TO DEC

TYPE OF GAUGE - RECORDING
LOCATION - LAT 52 08 25 N
LONG 106 38 35 W
DRAINAGE AREA, 141 000 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	128 000
FEB	---	AUG	141 000
MAR	158 000	SEP	119 000
APR	179 000	OCT	128 000
MAY	138 000	NOV	209 000
JUN	109 000	DEC	388 000

TOTAL DISCHARGE, 1 700 000 dam³

REMARKS - JANUARY 1 TO FEBRUARY 29 DISCHARGES NOT COMPUTED DUE TO HIGHLY VARIABLE CHANNEL STORAGE AND BACKWATER CONDITIONS

SOUTH SASKATCHEWAN RIVER AT ST. LOUIS - STATION NO. 05HH001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	202B	174 B	58.8B	46.4B	58.0	43.7	48.5	52.4	45.9	52.7	41.1B	98.8B	1
2	200B	167 B	73.7B	81.0B	58.3	46.5	53.2	58.7	44.8	52.2	49.2B	139 B	2
3	205B	172 B	80.1B	83.1B	61.7	47.8	50.5	63.8	42.0	51.5	56.0B	164 B	3
4	244B	233 B	69.0B	89.1B	57.7	43.2	49.3	63.6	41.0	50.2	58.0B	166 B	4
5	223B	239 B	72.3B	101 B	58.1	40.8	51.0	58.9	42.8	50.0	54.9B	149 B	5
6	223B	237 B	73.4B	105 B	59.5	38.8	49.4	59.3	46.3	48.9	53.2B	116 B	6
7	229B	207 B	62.9B	97.5B	57.9	40.3	49.0	58.3	49.0	51.7	53.8B	92.8B	7
8	264B	220 B	60.7B	88.3B	49.0	39.4	56.4	53.9	48.8	53.3	56.2B	108 B	8
9	288B	202 B	49.4B	91.7B	49.0	40.0	52.2	53.1	48.5	49.4	57.2B	116 B	9
10	270B	186 B	49.2B	90.2B	49.0	41.3	57.2	52.3	45.2	50.5	57.2B	83.8B	10
11	266B	225 B	49.9B	81.7B	48.1	43.8	50.7	51.6	43.2	52.7	59.8B	84.1B	11
12	260B	236 B	52.9B	76.1B	45.0	43.2	50.7	53.5	44.8	51.6	56.1B	124 B	12
13	251B	210 B	56.0B	77.3B	53.9	41.4	51.8	53.1	50.3	51.0	55.8B	150 B	13
14	256B	171 B	64.3B	63.8B	53.4	42.2	53.1	56.5	48.9	54.5	51.8B	168 B	14
15	246B	159 B	59.7B	62.8B	54.2	41.4	54.4	55.8	47.3	51.5	56.4B	166 B	15
16	246B	125 B	56.9B	66.5B	59.1	39.1	55.5	53.6	47.1	48.4	57.7B	164 B	16
17	257B	90.0B	50.8B	69.4B	62.1	43.4	52.8	58.3A	48.7	50.8	57.2B	148 B	17
18	252B	72.5B	48.9B	69.6B	60.4	44.1	52.5	55.0	47.2	56.0	55.6B	128 B	18
19	245B	113 B	48.9B	69.6B	59.9	43.2	52.3	68.2	47.0	53.7	53.5B	139 B	19
20	210B	105 B	52.2B	57.3B	58.5	41.8	54.3	56.7	48.5	52.0	108 B	158 B	20
21	206B	107 B	56.8B	69.9B	63.3	38.8	53.9	59.0	48.0	51.1	137 B	165 B	21
22	261B	86.3B	58.8B	67.7B	58.5	38.5	53.2	58.4	49.7	52.3	159 B	161 B	22
23	231B	80.1B	57.8B	49.9B	64.2	42.8	50.8	54.1	51.8	50.7	142 B	152 B	23
24	184B	81.0B	63.8B	62.1B	64.4	44.5	51.4	50.5	51.8	50.5	145 B	137 B	24
25	205B	74.2B	72.3B	57.8B	53.6	46.8	52.6	47.1	49.8	53.6	145 B	178 B	25
26	176B	85.7B	72.2B	80.1B	56.7	46.3	49.7	43.3	51.0	49.3B	157 B	144 B	26
27	176B	115 B	66.9B	66.7	45.8	45.8	54.8	48.8	51.9	57.1B	142 B	134 B	27
28	181B	125 B	65.3B	65.8	50.7	43.8	54.1	45.2	55.9	56.7B	100 B	117 B	28
29	201B	114 B	62.5B	67.8	48.3	46.1	52.8	42.6	55.8	58.9B	92.7B	111 B	29
30	182B		64.0B	65.9	44.1	46.8	54.7A	44.3	54.9	56.9B	81.8B	131 B	30
31	175B		57.0B		41.5		52.8A	46.8		48.3B		169 B	31
TOTAL	7 046	4 435.6	1 887.8	2 166.2	1 714.8	1 285.4	1 625.8	1 689.7	1 443.4	1 620.2	2 478.0	4 236.7	TOTAL
MEAN	227	153	60.9	72.2	55.3	42.8	52.4	54.5	48.1	52.3	82.6	137	MEAN
MAX	288	239	88.8	105	66.0	47.8	57.2	68.2	55.9	58.7	159	178	MAX
MIN	175	72.5	46.9	46.4	41.5	38.5	48.8	42.6	41.0	48.3	41.1	83.1	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 86.4
MAXIMUM DAILY, 288B ON JAN 9
MINIMUM DAILY, 38.5 ON JUN 22
MAXIMUM INSTANTANEOUS,
293B AT 22:37 CST ON JAN 9

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 52 55 25 N
LONG 105 46 20 W
DRAINAGE AREA, 148 000 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	609 000	JUL	140 000
FEB	383 000	AUG	146 000
MAR	163 000	SEP	125 000
APR	187 000	OCT	140 000
MAY	148 000	NOV	214 000
JUN	111 000	DEC	366 000

TOTAL DISCHARGE, 2 730 000 dam³

SOUTH SASKATCHEWAN RIVER BELOW GARDINER DAM - STATION NO. 05HF004

DAILY WATER LEVEL IN METRES FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.488	2.128	0.843	0.787	0.683	0.651	0.642	---	0.653	0.636	0.631	1.238	1
2	1.481	2.028	0.820	0.818	0.765	0.652	0.632	---	0.694	0.643	0.643	1.138	2
3	1.674	2.015	0.814A	0.734	0.714	0.652	0.649	---	0.680	0.700	0.642	1.059	3
4	1.854	2.068	0.777A	0.732	0.651	0.630	0.649	---	0.678	0.659	0.656	1.118	4
5	1.953	2.261	0.741A	0.709	0.653	0.628	0.668	---	0.658	0.641	0.621	1.201	5
6	2.045	2.084	0.696A	0.703	0.688	0.648	0.655	---	0.648	0.728	0.640	1.136	6
7	1.843A	2.020	0.742	0.676	0.662	0.648	0.627	---	0.674	0.640	0.630	1.224	7
8	1.898A	2.075	0.772A	0.784	0.642	0.637	0.637	---	0.680	0.674	0.671	1.271	8
9	1.696A	1.988	0.747	0.795	0.712	0.620	0.663	---	0.688	0.665	0.635	1.243	9
10	1.808	1.881	0.798	0.723	0.775	0.642	0.634	---	0.628	0.665	0.675	1.369A	10
11	1.842A	1.859	0.804	0.759	0.787	0.580	0.619	---	0.648	0.640	0.619	1.348A	11
12	1.757	1.543	0.731	0.677	0.749	0.678	0.623	---	0.652	0.613	0.659	1.369	12
13	1.825A	1.148	0.758	0.828	0.761	0.620	0.652	---	0.625	0.731	0.610	1.328	13
14	1.850A	1.148	0.687	0.801	0.809	0.677	0.639	---	0.688	0.729	0.628	1.362	14
15	1.743	1.321	0.772	0.702	0.761	0.645	0.642	---	0.610	0.651	0.648	1.399	15
16	1.644	1.186	0.718	0.832	0.720	0.634	0.660	---	0.677	0.638	1.073	1.307A	16
17	1.480A	1.130	0.812	0.691	0.765	0.607	0.617	---	0.667	0.647	1.118	1.408	17
18	1.808	1.106	0.742	0.787	0.731	0.651	0.658	---	0.686	0.644	1.227	1.284	18
19	1.865	1.010	0.727	0.718	0.833	0.661	0.612	---	0.714	0.694	1.144	1.437	19
20	1.739	0.984	0.747	0.696	0.821	0.667	0.659	---	0.695	0.691	1.185	1.287A	20
21	1.828	0.882	0.739	0.698	0.680	0.649	0.627	---	0.665	0.636	1.222	---	21
22	1.806	1.173	0.733	0.688	0.780	0.649	0.666	---	0.673	0.639	1.198	---	22
23	1.481	1.483	0.727	0.632	0.607	0.643	0.702	0.688A	0.648	0.620	1.208	---	23
24	1.580	1.483	0.774	0.740	0.787	0.670	0.645	0.607	0.679	0.673	1.187	---	24
25	1.891	1.206	0.758	0.785	0.741	0.637	0.644	0.638	0.688	0.612	1.182	---	25
26	1.568	1.024	0.676	0.784	0.669	0.631	0.645	0.677	0.688	0.615	1.261	---	26
27	1.500	0.872	0.734	0.763	0.635	0.658	0.620	0.668	0.647	0.638	1.131	---	27
28	1.437	0.823	0.768	0.753	0.673	0.633	0.665	0.667	0.683	0.646	1.152	---	28
29	1.474	0.842	0.782	0.668	0.680	0.591	0.648A	0.649	0.681	0.688	1.236	---	29
30	1.487		0.695	0.735	0.661	0.658	---	0.610	0.678	0.676	1.283A	---	30
31	2.014		0.787		0.653		---	0.685		0.695		---	31
MEAN	1.710	1.478	0.763	0.732	0.718	0.641	---	---	0.664	0.644	0.928	---	MEAN
MAX	2.045	2.261	0.843	0.832	0.833	0.677	---	---	0.714	0.731	1.283	---	MAX
MIN	1.437	0.823	0.676	0.628	0.607	0.580	---	---	0.610	0.613	0.610	---	MIN

WATER LEVELS IN METRES

MAXIMUM DAILY, 2.261 ON FEB 5

MAXIMUM INSTANTANEOUS,
2.338 AT 00:33 CST ON JAN 6

WATER LEVELS ARE REFERRED TO ASSUMED DATUM
APPLY 488.624 m ADJUSTMENT TO CONVERT TO GEODETIC SURVEY OF CANADA DATUM

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 51 15 20 N
LONG 106 57 15 W

A - MANUAL GAUGE

REGULATED SINCE 1964

DRAINAGE AREA,
139 000 km²

SPANGLER DITCH NEAR GOVENLOCK - STATION NO. 11AB080

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0	0	1.20	0	0	0	0	0	---	---	1
2	---	---	0	0	1.19	0	0	0	0	0	---	---	2
3	---	---	0	0	1.18	0	0	0	0	0	---	---	3
4	---	---	0	0	1.18	0	0.482	0	0	0	---	---	4
5	---	---	0	0	1.17	0	0.831	0	0	0	---	---	5
6	---	---	0	0	0.912	0	0.826	0	0	0	---	---	6
7	---	---	0	0	0.577	0	0.829	0	0	0	---	---	7
8	---	---	0	0	0.461	0	0.879	0	0	0	---	---	8
9	---	---	0	0	0.463	0	1.13	0	0	0	---	---	9
10	---	---	0	0	0.379	0	1.11	0	0	0	---	---	10
11	---	---	0	0	0.008	0	1.11	0	0	0	---	---	11
12	---	---	0	0	0	0	1.10	0	0	0	---	---	12
13	---	---	0	0	0	0	1.10	0	0	0	---	---	13
14	---	---	0	0	0	0	1.08	0	0	0	---	---	14
15	---	---	0	0	0	0	1.08	0	0	0	---	---	15
16	---	---	0	0	0	0	1.08	0	0	0	---	---	16
17	---	---	0	0	0	0	0.755	0	0	0	---	---	17
18	---	---	0	0	0	0	0.202	0	0	0	---	---	18
19	---	---	0	0	0	0	0.114	0	0	0	---	---	19
20	---	---	0	0	0	0	0.112	0	0	0	---	---	20
21	---	---	0	0	0	0	0.112	0	0	0	---	---	21
22	---	---	0	0	0	0	0.111	0	0	0	---	---	22
23	---	---	0	0	0	0	0.006	0	0	0	---	---	23
24	---	---	0	0	0	0	0	0	0	0	---	---	24
25	---	---	0	0.707	0	0	0	0	0	0	---	---	25
26	---	0	0	1.04	0	0	0	0	0	0	---	---	26
27	---	0	0	1.02	0	0	0	0	0	0	---	---	27
28	---	0	0	1.08	0	0	0	0	0	0	---	---	28
29	---	0	0	1.17	0	0	0	0	0	0	---	---	29
30	---		0	1.17	0	0	0	0	0	0	---	---	30
31	---		0		0		0	0		0		---	31
TOTAL	---	---	0	6.187	8.721	0	14.181	0	0	0	---	---	TOTAL
MEAN	---	---	0	0.206	0.281	0	0.457	0	0	0	---	---	MEAN
MAX	---	---	0	1.17	1.20	0	1.13	0	0	0	---	---	MAX
MIN	---	---	0	0	0	0	0	0	0	0	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.119
MAXIMUM DAILY, 1.20 ON MAY 1
MINIMUM DAILY, 0 ON MAR 1

INTERNATIONAL GAUGING STATION
TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 09 16 N
LONG 109 54 58 W

REGULATED

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	1 230
FEB	---	AUG	0
MAR	0	SEP	0
APR	535	OCT	0
MAY	753	NOV	---
JUN	0	DEC	---

TOTAL DISCHARGE, 2 520 dam³

SPIRIT CREEK NEAR BUCHANAN - STATION NO. 05MB007

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0B	0.004B	0.183	0	0	0	0	0	---	---	1
2	---	---	0B	0.045B	0.229	0	0	0	0	0	---	---	2
3	---	---	0B	4.23 B	0.187	0	0	0	0	0	---	---	3
4	---	---	0B	8.50 B	0.175	0	0	0	0	0	---	---	4
5	---	---	0B	16.5 B	0.163	0	0	0	0	0	---	---	5
6	---	---	0B	16.6	0.134	0	0	0	0	0	---	---	6
7	---	---	0B	14.2	0.122	0	0	0	0	0	---	---	7
8	---	---	0B	9.06	0.116	0	0	0	0	0	---	---	8
9	---	---	0B	6.37	0.115	0	0	0	0	0	---	---	9
10	---	---	0B	5.61	0.108	0	0	0	0	0	---	---	10
11	---	---	0B	6.41	0.107	0	0	0	0	0	---	---	11
12	---	---	0B	5.12	0.104	0	0	0	0	0	---	---	12
13	---	---	0B	3.62	0.099	0	0	0	0	0	---	---	13
14	---	---	0B	2.53	0.089	0	0	0	0	0	---	---	14
15	---	---	0B	1.88	0.071	0	0	0	0	0	---	---	15
16	---	---	0B	1.61	0.070	0	0	0	0	0	---	---	16
17	---	---	0B	1.31	0.055	0	0	0	0	0	---	---	17
18	---	---	0B	1.20	0.045	0	0	0	0	0	---	---	18
19	---	---	0B	0.895	0.046	0	0	0	0	0	---	---	19
20	---	---	0B	0.765	0.043	0	0	0	0	0	---	---	20
21	---	---	0B	0.667	0.036	0	0	0	0	0	---	---	21
22	---	---	0B	0.598	0.024	0	0	0	0	0	---	---	22
23	---	---	0B	0.484	0.014	0	0	0	0	0	---	---	23
24	---	---	0B	0.370	0.011	0	0	0	0	0	---	---	24
25	---	---	0B	0.286	0.012	0	0	0	0	0	---	---	25
26	---	---	0B	0.217	0.010	0	0	0	0	0	---	---	26
27	---	---	0B	0.238	0.007	0	0	0	0	0	---	---	27
28	---	---	0B	0.210	0.004	0	0	0	0	0	---	---	28
29	---	---	0B	0.141	0.002	0	0	0	0	0	---	---	29
30	---		0B	0.150	0.001	0	0	0	0	0	---	---	30
31	---		0B		0.001		0	0		0		---	31
TOTAL	---	---	0	109.82	2.383	0	0	0	0	0	---	---	TOTAL
MEAN	---	---	0	3.66	0.077	0	0	0	0	0	---	---	MEAN
MAX	---	---	0	16.6	0.229	0	0	0	0	0	---	---	MAX
MIN	---	---	0	0.004	0.001	0	0	0	0	0	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.458
MAXIMUM DAILY, 16.6 ON APR 6
MINIMUM DAILY, 0B ON MAR 1
MAXIMUM INSTANTANEOUS,
21.3 AT 22:53 CST ON APR 5

TYPE OF GAUGE - RECORDING
LOCATION - LAT 51 42 38 N
LONG 102 48 21 W
DRAINAGE AREA, 259 km²

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	0
FEB	---	AUG	0
MAR	0	SEP	0
APR	9 490	OCT	0
MAY	204	NOV	---
JUN	0	DEC	---

TOTAL DISCHARGE, 9 690 dam³

SPRUCE RIVER BELOW ANGLIN LAKE RESERVOIR - STATION NO. 05GG007

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.018B	0.020B	0.044B	0.157B	0.855	0.414E	0.264E	0.108E	0.128E	0.242E	0.317E	0.104E	1
2	0.018B	0.020B	0.047B	0.168B	0.857	0.405E	0.271E	0.128E	0.142E	0.248E	0.353E	0.094E	2
3	0.018B	0.021B	0.052B	0.177B	0.809	0.398E	0.271E	0.108E	0.151E	0.254E	0.310E	0.084E	3
4	0.018B	0.021B	0.064B	0.180B	0.876	0.388E	0.268E	0.094E	0.154E	0.261E	0.306E	0.076E	4
5	0.018B	0.021B	0.108B	0.180B	0.832	0.380E	0.280E	0.080E	0.150E	0.268E	0.298E	0.068E	5
6	0.018B	0.021B	0.104B	0.185B	0.781	0.372E	0.282E	0.092E	0.155E	0.274E	0.294E	0.062E	6
7	0.018B	0.021B	0.110B	0.187	0.732	0.365E	0.265E	0.105E	0.160E	0.282E	0.287E	0.055E	7
8	0.018B	0.021B	0.102B	0.206	0.722	0.358E	0.264E	0.086E	0.162E	0.288E	0.280E	0.049E	8
9	0.018B	0.021B	0.088B	0.221	0.726	0.352E	0.235E	0.083E	0.161E	0.290E	0.272E	0.042E	9
10	0.018B	0.021B	0.115B	0.241	0.725	0.346E	0.193E	0.087E	0.161E	0.295E	0.266E	0.037E	10
11	0.018B	0.021B	0.126B	0.271	0.700E	0.340E	0.174E	0.082E	0.161E	0.298E	0.258E	0.030E	11
12	0.018B	0.021B	0.127B	0.301	0.682E	0.335E	0.155E	0.082E	0.159E	0.302E	0.244E	0.025E	12
13	0.018B	0.024B	0.124B	0.332	0.664E	0.330E	0.174E	0.082E	0.162E	0.304E	0.237E	0.021E	13
14	0.018B	0.028B	0.118B	0.356	0.647E	0.325E	0.178E	0.082E	0.160E	0.306E	0.231E	0.021E	14
15	0.018B	0.028B	0.113B	0.377	0.630E	0.320E	0.176E	0.082E	0.160E	0.308E	0.225E	0.020E	15
16	0.018B	0.028B	0.104B	0.394	0.613E	0.315E	0.172E	0.082E	0.151E	0.310E	0.220E	0.018E	16
17	0.018B	0.028B	0.113B	0.395	0.597E	0.310E	0.161E	0.082E	0.153E	0.312E	0.209E	0.017E	17
18	0.018B	0.030B	0.128B	0.412	0.581E	0.305E	0.149E	0.082E	0.161E	0.314E	0.202E	0.017E	18
19	0.018B	0.031B	0.130B	0.810	0.565E	0.302E	0.148E	0.082E	0.162E	0.318E	0.195E	0.016E	19
20	0.017B	0.032B	0.110B	1.04	0.550E	0.298E	0.146E	0.082E	0.167E	0.321E	0.187E	0.016E	20
21	0.018B	0.033B	0.090B	1.02	0.535E	0.294E	0.138E	0.082E	0.172E	0.323E	0.182E	0.016E	21
22	0.017B	0.036B	0.087B	1.01	0.521E	0.290E	0.133E	0.082E	0.168E	0.322E	0.200E	0.016E	22
23	0.018B	0.042B	0.098B	1.02	0.507E	0.286E	0.137E	0.082E	0.171E	0.324E	0.188E	0.016E	23
24	0.020B	0.043B	0.107B	1.01	0.494E	0.282E	0.132E	0.082E	0.178E	0.324E	0.182E	0.016E	24
25	0.020B	0.043B	0.105B	1.02	0.482E	0.278E	0.127E	0.120E	0.188E	0.321E	0.162E	0.016E	25
26	0.021B	0.043B	0.098B	1.01	0.470E	0.274E	0.125E	0.082E	0.218E	0.328E	0.153E	0.016E	26
27	0.021B	0.043B	0.121B	1.00	0.459E	0.270E	0.117E	0.084E	0.226E	0.328E	0.148E	0.016E	27
28	0.021B	0.043B	0.142B	0.983	0.448E	0.268E	0.120E	0.088E	0.239E	0.323E	0.142E	0.016E	28
29	0.021B	0.043B	0.144B	0.875	0.440E	0.264E	0.113E	0.112E	0.250E	0.323E	0.127E	0.016E	29
30	0.020B		0.148B	0.866	0.431E	0.264E	0.112E	0.103E	0.239E	0.323E	0.118E	0.016E	30
31	0.020B		0.152B		0.423E		0.108E	0.121E		0.322E		0.014E	31
TOTAL	0.575	0.851	3.329	16.628	19.665	9.727	5.600	3.031	5.168	9.355	6.747	1.028	TOTAL
MEAN	0.019	0.029	0.107	0.554	0.634	0.324	0.181	0.098	0.172	0.302	0.225	0.034	MEAN
MAX	0.021	0.043	0.152	1.04	0.857	0.414	0.280	0.128	0.250	0.328	0.353	0.104	MAX
MIN	0.018	0.020	0.044	0.157	0.423	0.264	0.108	0.080	0.128	0.242	0.118	0.014	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.223
MAXIMUM DAILY, 1.04 ON APR 20
MINIMUM DAILY, 0.014E ON DEC 31
MAXIMUM INSTANTANEOUS,
1.07 AT 18:17 CST ON APR 19

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 53 39 50 N
LONG 106 00 30 W
DRAINAGE AREA, 670 km²

B - ICE CONDITIONS
E - ESTIMATED
REGULATED SINCE 1982

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	49.7	JUL	484
FEB	73.5	AUG	262
MAR	288	SEP	446
APR	1 440	OCT	808
MAY	1 700	NOV	583
JUN	840	DEC	88.8

TOTAL DISCHARGE, 7 060 dam³

REMARKS - DATA QUALITY VERY POOR DUE TO VARIABLE BACKWATER FROM BEAVER DAMS

SPRUCE RIVER DIVERSION TO EMMA LAKE - STATION NO. 05GG006

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0	0	0	0.541	0	0	0	0.548	0	---	1
2	---	---	0	0	0	0.552	0	0	0	0.590	0	---	2
3	---	---	0	0	0	0.557	0	0	0	0.511	---	---	3
4	---	---	0	0	0	0.557	0	0	0	0.496	---	---	4
5	---	---	0	0	0.273E	0.552	0	0	0	0.486	---	---	5
6	---	---	0	0	0.545A	0.578	0	0	0	0.481	---	---	6
7	---	---	0	0	0.535	0.566	0	0	0	0.483	---	---	7
8	---	---	0	0	0.526	0.573	0	0	0	0.481	---	---	8
9	---	---	0	0	0.522	0.579	0	0	0	0.478	---	---	9
10	---	---	0	0	0.515	0.564	0	0	0	0.477	---	---	10
11	---	---	0	0	0.513	0.600	0	0	0	0.459	---	---	11
12	---	---	0	0	0.518	0.603	0	0	0	0.459	---	---	12
13	---	---	0	0	0.527	0.603	0	0	0	0.457	---	---	13
14	---	---	0	0	0.530	0.598	0	0	0	0.462	---	---	14
15	---	---	0	0	0.528	0.597	0	0	0	0.467	---	---	15
16	---	---	0	0	0.530	0.606	0	0	0	0.469	---	---	16
17	---	---	0	0	0.533	0.614	0	0	0	0.460	---	---	17
18	---	---	0	0	0.546	0.621	0	0	0	0.459	---	---	18
19	---	---	0	0	0.547	0.626	0	0	0	0.457	---	---	19
20	---	---	0	0	0.540	0.626	0	0	0	0.456	---	---	20
21	---	---	0	0	0.548	0.630	0	0	0	0.463	---	---	21
22	---	---	0	0	0.544	0.273	0	0	0	0.465	---	---	22
23	---	---	0	0	0.549	0	0	0	0	0.460	---	---	23
24	---	---	0	0	0.554	0	0	0	0	0.460	---	---	24
25	---	---	0	0	0.571	0	0	0	0	0.465	---	---	25
26	---	---	0	0	0.536	0	0	0	0.161A	0.466	---	---	26
27	---	---	0	0	0.597	0	0	0	0.539	0.466	---	---	27
28	---	---	0	0	0.563	0	0	0	0.529	0.466	---	---	28
29	---	0	0	0	0.553	0	0	0	0.506	0.462	---	---	29
30	---		0	0	0.560	0	0	0	0.447	0.448	---	---	30
31	---		0		0.563		0	0		0.261		---	31
TOTAL	---	---	0	0	14.425	12.750	0	0	2.182	14.462	---	---	TOTAL
MEAN	---	---	0	0	0.465	0.425	0	0	0.073	0.467	---	---	MEAN
MAX	---	---	0	0	0.597	0.630	0	0	0.539	0.590	---	---	MAX
MIN	---	---	0	0	0	0	0	0	0	0.261	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.179
MAXIMUM DAILY, 0.630 ON JUN 21
MINIMUM DAILY, 0 ON MAR 1
MAXIMUM INSTANTANEOUS,
0.653 AT 08:30 CST ON JUN 22

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 53 40 20 N
LONG 106 00 00 W

A - MANUAL GAUGE

E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	0
FEB	---	AUG	0
MAR	0	SEP	189
APR	0	OCT	1 250
MAY	1 250	NOV	---
JUN	1 100	DEC	---

TOTAL DISCHARGE, 3 790 dam³

SQUAW COULEE NEAR WILLOW CREEK - STATION NO. 11AB103

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0	0	0	0	0	0	0	0	---	---	1
2	---	---	0	0	0	0	0	0	0	0	---	---	2
3	---	---	0	0	0	0	0	0	0	0	---	---	3
4	---	---	0	0	0	0	0	0	0	0	---	---	4
5	---	---	0	0	0	0	0	0	0	0	---	---	5
6	---	---	0	0	0	0	0	0	0	0	---	---	6
7	---	---	0	0	0	0	0	0	0	0	---	---	7
8	---	---	0	0	0	0	0	0	0	0	---	---	8
9	---	---	0	0	0	0	0	0	0	0	---	---	9
10	---	---	0	0	0	0	0	0	0	0	---	---	10
11	---	---	0	0	0	0	0	0	0	0	---	---	11
12	---	---	0	0	0	0	0	0	0	0	---	---	12
13	---	---	0	0	0	0	0	0	0	0	---	---	13
14	---	---	0	0	0	0	0	0	0	0	---	---	14
15	---	---	0	0	0	0	0	0	0	0	---	---	15
16	---	---	0	0	0	0	0	0	0	0	---	---	16
17	---	---	0	0	0	0	0	0	0	0	---	---	17
18	---	---	0	0	0	0	0	0	0	0	---	---	18
19	---	---	0	0	0	0	0	0	0	0	---	---	19
20	---	---	0	0	0	0	0	0	0	0	---	---	20
21	---	---	0	0	0	0	0	0	0	0	---	---	21
22	---	---	0	0	0	0	0	0	0	0	---	---	22
23	---	---	0	0	0	0	0	0	0	0	---	---	23
24	---	---	0	0	0	0	0	0	0	0	---	---	24
25	---	---	0	0	0	0	0	0	0	0	---	---	25
26	---	0	0	0	0	0	0	0	0	0	---	---	26
27	---	0	0	0	0	0	0	0	0	0	---	---	27
28	---	0	0	0	0	0	0	0	0	0	---	---	28
29	---	0	0	0	0	0	0	0	0	0	---	---	29
30	---		0	0	0	0	0	0	0	0	---	---	30
31	---		0		0		0	0		0		---	31
TOTAL	---	---	0	0	0	0	0	0	0	0	---	---	TOTAL
MEAN	---	---	0	0	0	0	0	0	0	0	---	---	MEAN
MAX	---	---	0	0	0	0	0	0	0	0	---	---	MAX
MIN	---	---	0	0	0	0	0	0	0	0	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0
MAXIMUM DAILY, 0 ON MAR 1
MINIMUM DAILY, 0 ON MAR 1
MAXIMUM INSTANTANEOUS,
0 AT 00:00 CST ON MAR 1

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 02 11 N
LONG 109 48 23 W
DRAINAGE AREA, 102 km^2

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	0
FEB	---	AUG	0
MAR	0	SEP	0
APR	0	OCT	0
MAY	0	NOV	---
JUN	0	DEC	---

TOTAL DISCHARGE, 0 dam^3

STOCKHOLM INDEX RESERVOIR - STATION NO. 05JM019

DAILY WATER LEVEL IN METRES FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	28.046E	---	---	---	---	---	---	---	1
2	---	---	---	---	---	---	---	28.348	---	---	---	---	2
3	---	---	---	---	---	---	---	---	---	---	---	---	3
4	---	---	---	---	---	---	---	---	---	28.044	---	---	4
5	---	---	---	28.156	---	---	---	---	---	---	---	---	5
6	---	---	---	---	---	---	---	---	---	---	---	---	6
7	---	---	---	---	---	---	---	---	28.248	---	---	---	7
8	---	---	---	---	---	---	---	---	---	---	---	---	8
9	---	---	---	---	---	28.116E	---	---	---	---	---	---	9
10	---	---	---	---	---	---	---	---	---	---	---	---	10
11	---	---	---	---	---	---	---	---	---	---	---	---	11
12	---	---	---	---	---	---	---	---	---	---	---	---	12
13	---	---	---	---	---	---	---	---	---	---	---	---	13
14	---	---	---	---	---	---	---	---	---	---	---	---	14
15	---	---	---	---	---	---	---	---	---	---	---	---	15
16	---	---	---	---	---	---	---	---	---	---	---	---	16
17	---	---	---	---	---	---	---	---	---	---	---	---	17
18	---	---	---	---	---	---	---	---	---	---	---	---	18
19	---	---	---	---	---	---	---	---	---	---	---	---	19
20	---	---	27.104E	---	---	---	---	---	---	---	---	---	20
21	---	---	---	---	---	---	---	---	---	---	---	---	21
22	---	---	---	---	---	---	---	---	---	---	---	---	22
23	---	27.104	---	---	---	---	---	---	---	---	---	---	23
24	---	---	---	---	---	---	---	---	---	---	---	---	24
25	---	---	---	28.072	---	---	---	---	---	27.858	---	---	25
26	---	---	---	---	---	---	---	---	---	---	---	---	26
27	---	---	---	---	---	---	---	---	---	---	---	---	27
28	---	---	---	---	---	28.793	---	---	---	---	---	---	28
29	---	27.104E	---	---	---	---	---	---	---	---	---	---	29
30	---		---	28.060E	28.102	28.788E	---	---	28.078E	---	---	---	30
31	---		27.830E		28.104E		28.378E	28.264E		27.938E		---	31
MEAN	---	---	---	---	---	---	---	---	---	---	---	---	MEAN
MAX	---	---	---	---	---	---	---	---	---	---	---	---	MAX
MIN	---	---	---	---	---	---	---	---	---	---	---	---	MIN

SUMMARY FOR THE YEAR 1988

WATER LEVELS IN METRES

MINIMUM DAILY, 27.104 ON FEB 23

TYPE OF GAUGE - MANUAL
LOCATION - LAT 50 45 08 N
LONG 102 16 51 W

E - ESTIMATED

NATURAL FLOW

WATER LEVELS ARE REFERRED TO ASSUMED DATUM

STONY CREEK NEAR KAMBACK - STATION NO. 05MD010

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	0 B	0.029B	0.576B	0.387	0.133	0.001	0.002	0.002	0.002	0.003B	---	1
2	---	0 B	0.014B	2.16 B	1.24	0.108	0	0.002	0.002	0.002	0.003B	---	2
3	---	0 B	0.003B	3.89 B	1.88	0.074	0	0.002	0.002	0.002	---	---	3
4	---	0 B	0.009B	5.87 B	1.28	0.053	0.001	0.002	0.002	0.002	---	---	4
5	---	0 B	0.088B	8.24 B	1.14	0.048	0.001	0.003	0.003	0.002	---	---	5
6	---	0 B	0.155B	5.07	0.973	0.021	0.001	0.002	0.003	0.002	---	---	6
7	---	0 B	0.134B	4.15	1.37	0.009	0.001	0.002	0.003	0.002	---	---	7
8	---	0 B	0.126B	3.53	1.28	0.004	0.001	0.002	0.002	0.002	---	---	8
9	---	0 B	0.116B	2.84	0.907	0.004	0.001	0.003	0.002	0.002	---	---	9
10	---	0 B	0.147B	2.80	0.784	0.004	0.001	0.004	0.002	0.002	---	---	10
11	---	0 B	0.105B	2.88	0.888	0.005	0.001	0.004	0.002	0.002	---	---	11
12	---	0 B	0.011B	4.09	0.885	0.004	0.001	0.004	0.002	0.002	---	---	12
13	---	0 B	0.007B	2.77	0.821	0.028	0.001	0.003	0.002	0.002	---	---	13
14	---	0 B	0.003B	2.21	0.501	0.003	0.001	0.003	0.002	0.002	---	---	14
15	---	0 B	0.003B	2.05	0.592	0.002	0.001	0.002	0.002	0.002	---	---	15
16	---	0 B	0.003B	1.77	0.507	0.003	0.001	0.002	0.002	0.001	---	---	16
17	---	0 B	0.005B	1.41	0.438	0.002	0.001	0.002	0.002	0.001	---	---	17
18	---	0 B	0.008B	1.14	0.438	0.001	0.001	0.005	0.002	0.001	---	---	18
19	---	0 B	0.003B	0.884	0.520	0.001	0.001	0.005	0.002	0.001	---	---	19
20	---	0 B	0 B	0.636	0.585	0.004	0	0.003	0.002	0.001	---	---	20
21	---	0 B	0.001B	0.518	0.648	0.002	0	0.001	0.002	0.001	---	---	21
22	---	0 B	0.168B	0.438	0.584	0.001	0	0.002	0.003	0.001	---	---	22
23	---	0 B	0.403B	0.351	0.488	0.001	0.001	0.001	0.003	0.003	---	---	23
24	---	0.003B	0.801B	0.323	0.387	0.001	0.001	0.001	0.003	0.003	---	---	24
25	---	0.020B	0.312B	0.322	0.310	0.001	0.002	0.002	0.003	0.003	---	---	25
26	---	0.014B	0.268B	0.283	0.303	0.001	0.002	0.002	0.003	0.004	---	---	26
27	---	0.008B	0.184B	0.204	0.307	0.001	0.002	0.002	0.001	0.003B	---	---	27
28	---	0.055B	0.018B	0.225	0.268	0.001	0.002	0.002	0.003	0.002B	---	---	28
29	---	0.120B	0.036B	0.180	0.242	0.001	0.002	0.002	0.003	0.003B	---	---	29
30	---		0.218B	0.088	0.199	0.001	0.002	0.002	0.003	0.002B	---	---	30
31	---		0.228B		0.154		0.002	0.002		0.002B		---	31
TOTAL	---	0.318	3.432	58.476	20.482	0.518	0.033	0.078	0.070	0.083	---	---	TOTAL
MEAN	---	0.006	0.111	1.95	0.660	0.017	0.001	0.003	0.002	0.002	---	---	MEAN
MAX	---	0.120	0.801	8.24	1.88	0.133	0.002	0.005	0.003	0.004	---	---	MAX
MIN	---	0	0	0.088	0.154	0.001	0	0.001	0.001	0.001	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.308
MAXIMUM DAILY, 8.24B ON APR 5
MINIMUM DAILY, 0B ON FEB 1
MAXIMUM INSTANTANEOUS,
8.888 AT 17:00 CST ON APR 4

SUMMARY FOR THE MONTHS FEB TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 51 23 18 N
LONG 101 50 18 W
DRAINAGE AREA, 445 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	2.85
FEB	18.8	AUG	6.74
MAR	297	SEP	6.05
APR	5 140	OCT	5.44
MAY	1 770	NOV	---
JUN	44.8	DEC	---

TOTAL DISCHARGE, 7 280 dam³

STONY CREEK NEAR STENEN - STATION NO. 05MC002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0B	0 B	1.18	0.058	0	0	0	0	---	---	1
2	---	---	0B	0.002B	1.82	0.061	0	0	0	0	---	---	2
3	---	---	0B	0.065B	1.81	0.068	0	0	0	0	---	---	3
4	---	---	0B	0.753B	1.70	0.080	0	0	0	0	---	---	4
5	---	---	0B	1.18 B	1.44	0.080	0	0	0	0	---	---	5
6	---	---	0B	1.18 B	1.18	0.058	0	0	0	0	---	---	6
7	---	---	0B	4.88 B	1.00	0.050	0	0	0	0	---	---	7
8	---	---	0B	7.31 B	0.844	0.040	0	0	0	0	---	---	8
9	---	---	0B	7.58 B	0.718	0.033	0	0	0	0	---	---	9
10	---	---	0B	8.43 B	0.608	0.028	0	0	0	0	---	---	10
11	---	---	0B	7.03	0.525	0.022	0	0	0	0	---	---	11
12	---	---	0B	7.38	0.477	0.018	0	0	0	0	---	---	12
13	---	---	0B	7.43	0.432	0.061	0	0	0	0	---	---	13
14	---	---	0B	7.13	0.418	0.058	0	0	0	0	---	---	14
15	---	---	0B	6.28	0.388	0.058	0	0	0	0	---	---	15
16	---	---	0B	5.48	0.347	0.048	0	0	0	0	---	---	16
17	---	---	0B	4.84	0.301	0.042	0	0	0	0	---	---	17
18	---	---	0B	4.05	0.274	0.035	0	0	0	0	---	---	18
19	---	---	0B	3.53	0.258	0.028	0	0	0	0	---	---	19
20	---	---	0B	3.80	0.223	0.018	0	0	0	0	---	---	20
21	---	---	0B	2.82	0.208	0.013	0	0	0	0	---	---	21
22	---	---	0B	2.18	0.188	0.008	0	0	0	0	---	---	22
23	---	---	0B	1.83	0.187	0.008	0	0	0	0	---	---	23
24	---	---	0B	1.40	0.141	0.005	0	0	0	0	---	---	24
25	---	---	0B	1.22	0.148	0.004	0	0	0	0	---	---	25
26	---	---	0B	1.03	0.130	0.002	0	0	0	0	---	---	26
27	---	---	0B	0.887	0.113	0.001	0	0	0	0	---	---	27
28	---	---	0B	0.831	0.098	0	0	0	0	0	---	---	28
29	---	---	0B	0.788	0.084	0	0	0	0	0	---	---	29
30	---		0B	0.774	0.073	0	0	0	0	0	---	---	30
31	---		0B		0.083		0	0		0		---	31
TOTAL	---	---	0	99.577	17.142	0.932	0	0	0	0	---	---	TOTAL
MEAN	---	---	0	3.32	0.553	0.031	0	0	0	0	---	---	MEAN
MAX	---	---	0	7.58	1.81	0.080	0	0	0	0	---	---	MAX
MIN	---	---	0	0	0.083	0	0	0	0	0	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.480
MAXIMUM DAILY, 7.58B ON APR 9
MINIMUM DAILY, 0B ON MAR 1
MAXIMUM INSTANTANEOUS,
8.38B AT 10:40 CST ON APR 9

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 51 52 56 N
LONG 102 19 48 W
DRAINAGE AREA, 383 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	0
FEB	---	AUG	0
MAR	0	SEP	0
APR	8 600	OCT	0
MAY	1 480	NOV	---
JUN	80.5	DEC	---

TOTAL DISCHARGE, 10 200 dam³

STURGEON LAKE NEAR PRINCE ALBERT - STATION NO. 05KF003

DAILY WATER LEVEL IN METRES FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	---	7.878	---	7.841	7.841	---	---	---	1
2	---	---	---	---	---	7.878	---	7.881	7.841	---	7.841	---	2
3	---	---	---	---	---	7.878	---	7.881	7.848	---	---	---	3
4	---	---	---	---	---	7.878	7.818	7.881	7.848	---	---	---	4
5	---	---	---	---	---	7.878	7.818	7.881	7.841	---	---	---	5
6	---	---	---	---	---	7.878	7.740	7.881	7.841	---	---	---	6
7	---	---	---	---	---	7.878	7.838	7.881	---	---	---	---	7
8	---	---	---	---	---	7.880	7.820	7.881	---	---	---	---	8
9	---	---	---	---	---	7.880	7.820	7.881	---	---	---	---	9
10	---	---	---	---	---	7.880	7.810	7.881	---	---	---	---	10
11	---	---	---	---	---	7.880	7.810	7.881	---	---	---	---	11
12	---	---	---	---	---	7.880	7.818	---	---	---	---	---	12
13	---	---	---	---	7.748	7.880	7.818	7.881	---	---	---	---	13
14	---	---	---	---	7.738	7.880	7.818	7.881	---	---	---	---	14
15	---	---	---	---	7.748	7.880	7.818	7.881	---	---	---	---	15
16	---	---	---	---	---	7.880	7.818	7.881	---	---	---	---	16
17	---	---	---	---	---	7.880	7.818	---	---	---	---	---	17
18	---	---	---	---	---	7.880	---	7.881	---	---	---	---	18
19	---	---	---	---	7.767	7.880	7.580	---	---	---	---	---	19
20	---	---	---	---	---	7.880	7.590	---	---	---	---	---	20
21	---	---	---	---	7.878	7.880	7.800	7.881	---	---	---	---	21
22	---	---	---	---	7.878	7.880	7.810	7.821	---	---	---	---	22
23	---	---	---	---	7.878	7.880	7.810	7.841	---	---	---	---	23
24	---	---	---	---	7.878	7.880	---	7.841	---	---	---	---	24
25	---	---	---	---	7.878	---	7.580	7.838	---	---	---	---	25
26	---	---	---	---	7.878	---	7.575	7.831	---	---	---	---	26
27	---	---	---	---	7.881	---	---	7.841	---	---	---	---	27
28	---	---	---	---	---	---	---	7.861	---	---	---	---	28
29	---	---	---	---	---	---	---	7.861	---	---	---	---	29
30	---		---	---	---	---	7.541	7.861	---	---	---	---	30
31	---		---		---		---	7.861		---		---	31
MEAN	---	---	---	---	---	---	---	---	---	---	---	---	MEAN
MAX	---	---	---	---	---	---	---	---	---	---	---	---	MAX
MIN	---	---	---	---	---	---	---	---	---	---	---	---	MIN

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - MANUAL
LOCATION - LAT 53 26 21 N
LONG 106 09 42 W
DATA CONTRIBUTED BY -
SASKATCHEWAN WATER CORPORATION

WATER LEVELS ARE REFERRED TO ASSUMED DATUM

STURGEON RIVER NEAR PRINCE ALBERT - STATION NO. 05KF002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.216B	0.481B	3.83	0.479	0.126	0.076	0.071	0.082	---	---	1
2	---	---	0.216B	0.551B	3.88	0.508	0.105	0.120	0.060	0.088	---	---	2
3	---	---	0.216B	0.637B	3.60	0.476	0.104	0.205	0.074	0.084	---	---	3
4	---	---	0.216B	0.720B	3.38	0.487	0.080	0.208	0.072	0.078	---	---	4
5	---	---	0.216B	0.842B	3.16	0.394	0.060	0.128	0.046	0.084	---	---	5
6	---	---	0.216B	1.45 B	3.08	0.281	0.108	0.110	0.048	0.107	---	---	6
7	---	---	0.222B	1.36 B	3.05	0.260	0.089	0.127	0.068	0.088	---	---	7
8	---	---	0.228B	2.23 B	2.88	0.256	0.068	0.084	0.082	0.100	---	---	8
9	---	---	0.235B	3.52 B	2.67	0.290	0.075	0.113	0.052	0.088	---	---	9
10	---	---	0.240B	4.84 B	2.43	0.286	0.066	0.120	0.062	0.085	---	---	10
11	---	---	0.260B	5.21 B	2.26	0.262	0.079	0.086	0.083	0.130	---	---	11
12	---	---	0.260B	5.14 B	2.16	0.215	0.073	0.123	0.077	0.154	---	---	12
13	---	---	0.272B	3.97 B	2.00	0.201	0.083	0.089	0.044	0.141	---	---	13
14	---	---	0.287B	5.67 B	1.83	0.166	0.076	0.108	0.039	0.147	---	---	14
15	---	---	0.300B	9.58 B	1.67	0.138	0.079	0.099	0.045	0.132	---	---	15
16	---	---	0.320B	8.72	1.61	0.139	0.088	0.082	0.043	0.126	---	---	16
17	---	---	0.340B	7.97	1.65	0.167	0.050	0.116	0.076	0.110	---	---	17
18	---	---	0.364B	7.88	1.48	0.170	0.071	0.087	0.081	0.113	---	---	18
19	---	---	0.380B	7.51	1.36	0.163	0.082	0.136	0.084	0.132	---	---	19
20	---	---	0.388B	7.08	1.33	0.146	0.066	0.184	0.088	0.120	---	---	20
21	---	---	0.284B	6.93	1.20	0.148	0.078	0.261	0.101	0.126	---	---	21
22	---	---	0.380B	6.72	1.17	0.132	0.086	0.385	0.067	0.109	---	---	22
23	---	---	0.360B	6.34	1.12	0.126	0.080	0.306	0.064	0.126	---	---	23
24	---	---	0.382B	5.86	0.984	0.149	0.067	0.226	0.060	0.126	---	---	24
25	---	---	0.355B	5.35	0.947	0.164	0.066	0.133	0.072	0.116	---	---	25
26	---	---	0.350B	4.90	0.818	0.140	0.067	0.085	0.101	0.142	---	---	26
27	---	---	0.380B	4.66	0.785	0.136	0.086	0.082	0.087	0.155A	---	---	27
28	---	---	0.380B	4.37	0.760	0.135	0.117	0.086	0.127	0.157E	---	---	28
29	---	0.216B	0.410B	4.30	0.677	0.134	0.087	0.085	0.148	0.158E	---	---	29
30	---		0.440B	4.07	0.563	0.124	0.073	0.088	0.128	0.158E	---	---	30
31	---		0.475B		0.548		0.063	0.078		0.163E		---	31
TOTAL	---	---	9.688	138.850	59.283	6.850	2.598	4.383	2.297	3.743	---	---	TOTAL
MEAN	---	---	0.313	4.63	1.91	0.228	0.084	0.141	0.077	0.121	---	---	MEAN
MAX	---	---	0.475	9.58	3.83	0.508	0.126	0.385	0.148	0.160	---	---	MAX
MIN	---	---	0.216	0.481	0.548	0.126	0.050	0.076	0.039	0.078	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.929
MAXIMUM DAILY, 9.58B ON APR 15
MINIMUM DAILY, 0.039 ON SEP 14
MAXIMUM INSTANTANEOUS,
10.4B AT 09:04 CST ON APR 15

TYPE OF GAUGE - RECORDING
LOCATION - LAT 53 12 47 N
LONG 105 53 06 W
DRAINAGE AREA, 5 100 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	224
FEB	---	AUG	379
MAR	837	SEP	198
APR	12 000	OCT	323
MAY	5 120	NOV	---
JUN	592	DEC	---

TOTAL DISCHARGE, 19 700 dam³

STURGEON-WEIR RIVER AT LEAF RAPIDS - STATION NO. 05KG007

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	23.9	23.2	22.6	22.4	26.1	26.9	24.9	23.8	22.0	21.3	18.0	17.9	1
2	23.8	23.2	22.6	22.4	27.0	27.1	24.8	23.6	21.9	21.4	18.0	17.9	2
3	23.7	23.2	22.6	22.5	27.3	27.1	24.7	23.5	21.7	21.2	17.8	17.9	3
4	23.6	23.2	22.6	22.5	27.2	27.1	24.6	23.3	21.5	21.0	17.8	17.9	4
5	23.5	23.0	22.6	22.6	27.3	27.0	25.1	23.1	21.3	20.8	17.8	17.8	5
6	23.5	22.9	22.4	22.7	27.5	27.0	25.3	23.1	21.1	20.7	17.7	17.8	6
7	23.5	22.8	22.2	22.9	27.6	26.7	25.3	24.9	21.3	20.6	18.3	17.8	7
8	23.5	22.8	22.1	23.3	27.9	26.1	25.3	24.8	22.5	20.5	18.3	17.7	8
9	23.5	22.8	22.1	23.4	28.2	25.7	25.4	24.9	23.1	20.1	18.3	17.7	9
10	23.5	22.8	22.1	23.5	28.2	25.7	25.2	24.7	23.3	20.2	18.3	17.6	10
11	23.6	23.0	22.0	23.5	28.2	25.7	24.9	24.6	23.0	20.2	18.3	17.6	11
12	23.3	23.1	21.9	23.3	28.2	25.4	24.7	24.3	22.7	20.1	18.5	17.6	12
13	23.3	23.1	21.9	23.2	28.2	25.4	26.1	24.2	22.4	20.0	18.4	17.6	13
14	23.2	23.1	21.7	23.2	28.2	25.3	26.4	24.0	22.2	19.9	18.4	17.7	14
15	23.2	23.1	21.6	23.0	28.2	25.1	27.0	23.8	21.9	19.7	18.4	17.6	15
16	23.4	23.1	21.4	23.1	28.0	24.9	27.0	23.5	21.6	19.7	18.4	17.7	16
17	23.4	23.1	21.4	23.0	27.8	25.3	27.0	23.2	22.5	19.7	18.3	17.7	17
18	23.4	23.1	21.2	22.9	27.9	25.5	26.9	22.9	22.6	19.7	18.4	17.8	18
19	23.4	23.0	21.2	22.7	27.9	25.4	26.8	22.8	22.5	19.7	18.4	18.1	19
20	23.4	23.1	21.2	22.6	27.7	25.1	26.5	23.0	22.5	19.6	18.3	18.0	20
21	23.3	23.1	21.2	22.6	27.4	25.0	26.1	23.4	22.2	19.6	18.2	18.1	21
22	23.4	23.0	21.2	22.5	27.3	24.8	25.9	24.3	22.3	19.4	18.1	18.1	22
23	23.3	22.9	20.9	22.5	27.2	24.7	25.6	24.4	22.6	19.5	18.2	18.1	23
24	23.3	22.9	21.1	22.6	26.9	25.0	25.2	24.4	22.4	19.3	18.3	18.1	24
25	23.2	22.9	21.8	22.6	26.6	25.1	25.1	24.0	22.4	19.1	18.3	18.1	25
26	23.2	22.8	22.0	22.5	26.6	25.1	24.9	24.0	22.2	18.7	18.3	18.0	26
27	23.0	22.7	22.1	22.7	26.9	25.4	24.8	23.5	21.9	18.3	18.3	17.9	27
28	23.0	22.7	22.3	23.0	26.9	25.5	24.7	23.1	21.9	18.3	18.1	18.0	28
29	23.2	22.6	22.3	23.5	27.1	25.2	24.4	22.7	21.5	18.0	17.9	17.9	29
30	23.2		22.4	24.6	27.1	25.0	24.1	22.5	21.2	18.1	17.9	17.8	30
31	23.2		22.4		26.9		24.0	22.3		18.0		17.8	31
TOTAL	724.9	666.3	679.1	687.6	851.8	770.3	788.9	734.7	664.4	612.6	545.3	553.4	TOTAL
MEAN	23.4	23.0	21.9	22.9	27.5	25.7	25.4	23.7	22.1	19.8	18.2	17.9	MEAN
MAX	23.9	23.2	22.6	24.6	28.2	27.1	27.0	24.9	23.3	21.4	18.5	18.1	MAX
MIN	23.0	22.6	20.9	22.4	26.1	24.7	24.0	22.2	21.1	18.0	17.7	17.6	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 22.6
MAXIMUM DAILY, 28.2 ON MAY 9
MINIMUM DAILY, 17.6 ON DEC 11
MAXIMUM INSTANTANEOUS,
28.3 AT 06:43 CST ON MAY 9

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 54 48 40 N
LONG 102 38 05 W
DRAINAGE AREA, 12 600 km^2

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	62 600	JUL	68 200
FEB	57 600	AUG	63 500
MAR	58 700	SEP	57 400
APR	59 400	OCT	52 900
MAY	73 600	NOV	47 100
JUN	66 600	DEC	47 800

TOTAL DISCHARGE, 715 000 dam^3

STURGEON-WEIR RIVER AT OUTLET OF AMISK LAKE - STATION NO. 05KE002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	26.2B	25.2B	24.0B	24.4B	26.9B	30.9	28.5E	25.8	25.0	23.2	20.2	20.0B	1
2	26.1B	25.1B	23.9B	24.6B	27.6	30.6A	28.5E	25.4	24.9	23.4	20.4	20.3B	2
3	25.9B	25.0B	23.9B	24.7B	27.7	30.3E	28.4E	25.5	24.8	22.8	20.5	20.1B	3
4	25.8B	25.0B	23.8B	24.7B	27.8	30.1E	28.4E	25.4	24.5	21.9	20.4	20.1B	4
5	25.7B	24.9B	23.8B	24.7B	27.7	30.0E	28.4E	25.1	24.1	21.8	20.3	20.0B	5
6	25.4B	24.9B	23.7B	24.7B	27.9	29.8E	28.4E	25.6	23.9	22.1	19.9	20.1B	6
7	25.3B	24.8B	23.7B	24.9B	28.0	29.6E	28.3E	25.9	24.2	22.0	20.7B	20.0B	7
8	25.2B	24.7B	23.6B	25.0B	28.1	29.4E	28.3E	25.5	25.4	22.1	20.7B	19.9B	8
9	25.2B	24.6B	23.6B	25.3B	28.3	29.2E	28.3E	25.6	25.0	23.1	20.7B	19.9B	9
10	25.3B	24.4B	23.5B	25.3B	28.4	29.0E	28.3E	26.9	24.2	22.3	20.6B	19.8B	10
11	25.2B	24.4B	23.5B	25.3B	28.5	29.0E	28.3E	25.7	23.7	21.7	20.5B	19.8B	11
12	25.1B	24.4B	23.4B	25.2B	28.6	29.0E	28.2E	25.4	23.7	21.6	20.9B	20.0B	12
13	25.1B	24.4B	23.4B	24.9B	28.6	29.0E	28.2E	25.3	24.1	21.9	21.0B	20.1B	13
14	25.1B	24.4B	23.3B	24.9B	29.0	29.0E	28.2E	25.6	23.1	21.6	20.8B	20.0B	14
15	25.4B	24.4B	23.3B	24.8B	28.8	28.9E	28.2E	25.4	23.0	22.3	20.7B	19.9B	15
16	25.3B	24.4B	23.2B	25.0B	28.9	28.9E	28.1E	25.3	23.4	22.1	20.7B	20.0B	16
17	25.2B	24.3B	23.2B	24.8B	29.1	28.9E	28.1E	24.6	24.9	21.6	20.6B	20.0B	17
18	25.2B	24.3B	23.2B	24.7B	29.3	28.8E	28.1E	25.0	24.3	22.1	20.6B	20.0B	18
19	25.1B	24.3B	23.2B	24.8B	29.5	28.8E	28.0A	24.9	24.1	21.4	20.8B	20.2B	19
20	25.1B	24.3B	23.2B	24.5B	29.4	28.8E	27.4	25.3	23.0	22.3	20.7B	20.2B	20
21	25.2B	24.2B	23.2B	24.4B	29.5	28.7E	27.2	24.6	22.7	20.6	20.6B	20.2B	21
22	25.0B	24.2B	23.2B	24.3B	29.6	28.7E	27.4	25.3	23.4	22.1	20.8B	20.3B	22
23	25.2B	24.2B	23.2B	24.3B	29.6	28.7E	27.6	25.2	23.2	21.9	20.8B	20.2B	23
24	25.1B	24.2B	23.6B	24.5B	29.4	28.7E	27.3	26.2	23.3	21.7	20.5B	20.2B	24
25	25.0B	24.1B	23.8B	24.2B	30.0	28.6E	27.6	25.5	22.6	21.2	20.4B	20.1B	25
26	25.1B	24.1B	23.7B	24.2B	30.1	28.6E	27.9	25.6	22.7	20.7	20.3B	20.0B	26
27	25.1B	24.1B	23.9B	24.2B	30.3	28.6E	27.3	26.3	22.5	21.5	20.2B	20.1B	27
28	25.1B	24.0B	24.4B	24.2B	30.2	28.6E	26.8	26.2	22.8	20.5	20.1B	19.9B	28
29	25.4B	24.0B	24.4B	24.3B	31.2	28.5E	26.9	24.6	22.6	20.0	20.1B	20.0B	29
30	25.5B		24.4B	25.2B	31.4	28.5E	26.0	24.4	23.3	20.2	20.2B	19.9B	30
31	25.4B		24.4B		31.4		26.4	24.6		20.3		20.0B	31
TOTAL	785.0	709.3	732.6	740.8	900.9	874.1	863.3	792.4	712.3	674.1	614.6	621.3	TOTAL
MEAN	25.3	24.5	23.6	24.7	29.1	29.1	27.8	25.6	23.7	21.7	20.5	20.0	MEAN
MAX	26.2	25.2	24.4	25.3	31.4	30.9	28.5	26.9	25.4	23.4	21.0	20.3	MAX
MIN	25.0	24.0	23.2	24.2	26.9	28.5	26.0	24.4	22.5	20.0	19.9	19.8	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 24.6
MAXIMUM DAILY, 31.4 ON MAY 30
MINIMUM DAILY, 19.8B ON DEC 10

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 54 26 20 N
LONG 102 10 30 W
DRAINAGE AREA, 14 600 km^2
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	67 800	JUL	74 600
FEB	61 300	AUG	68 500
MAR	63 300	SEP	61 500
APR	64 000	OCT	58 200
MAY	77 800	NOV	53 100
JUN	75 500	DEC	53 700

TOTAL DISCHARGE, 779 000 dam^3

SWAN RIVER NEAR NORQUAY - STATION NO. 05LE005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.500B	0.246B	0.505B	0.701B	27.4	7.28	0.702	0.182	0.276	0.582	0.484B	0.418B	1
2	0.580B	0.232B	0.480B	0.636B	40.4	6.69	0.684	0.211	0.301	0.556	0.494B	0.420B	2
3	0.602B	0.218B	0.447B	0.598B	82.1	6.04	0.625	0.223	0.294	0.548	0.505B	0.426B	3
4	0.463B	0.212B	0.457B	5.47 B	109	5.53	0.582	0.227	0.258	0.521	0.517B	0.395B	4
5	0.413B	0.180B	0.438B	15.3 B	122	4.94	0.551	0.234	0.235	0.518	0.518B	0.384B	5
6	0.382B	0.143B	0.431B	27.1 B	96.8	4.31	0.568	0.273	0.253	0.494	0.518B	0.405B	6
7	0.472B	0.113B	0.437B	30.2 B	71.2	3.71	0.556	0.274	0.287	0.496	0.509B	0.412B	7
8	0.569B	0.097B	0.439B	28.7 B	60.3	3.18	0.550	0.243	0.250	0.469	0.498B	0.409B	8
9	0.456B	0.119B	0.463B	23.6 B	51.4	2.79	0.794	0.225	0.225	0.465	0.482B	0.411B	9
10	0.311B	0.131B	0.613B	21.9 B	44.8	2.52	0.585	0.224	0.236	0.474	0.461B	0.409B	10
11	0.309B	0.126B	0.657B	31.1 B	39.8	2.44	0.507	0.202	0.264	0.476	0.421B	0.409B	11
12	0.410B	0.153B	0.646B	32.6 B	35.0	2.21	0.502	0.174	0.285	0.476	0.474B	0.384B	12
13	0.477B	0.186B	0.618B	28.5 B	28.4	2.07	0.522	0.173	0.275	0.461	0.415B	0.386B	13
14	0.416B	0.205B	0.604B	29.5	24.9	1.93	0.503	0.197	0.278	0.452	0.423B	0.382B	14
15	0.324B	0.233B	0.598B	30.6	22.0	1.71	0.528	0.243	0.294	0.457	0.442B	0.372B	15
16	0.339B	0.279B	0.585B	31.7	20.0	1.48	0.550	0.278	0.309	0.456	0.413B	0.389B	16
17	0.376B	0.346B	0.583B	31.2	18.0	1.41	0.571	0.332	0.322	0.446	0.407B	0.376B	17
18	0.381B	0.413B	0.578B	28.9	16.4	1.25	0.553	0.365	0.332	0.463	0.413B	0.371B	18
19	0.382B	0.473B	0.526B	26.6	14.7	1.12	0.512	0.408	0.336	0.496	0.414B	0.354B	19
20	0.320B	0.501B	0.499B	24.5	13.7	1.03	0.466	0.446	0.339	0.476	0.407B	0.337B	20
21	0.245B	0.542B	0.490B	21.7	13.3	1.02	0.442	0.506	0.382	0.490	0.413B	0.328B	21
22	0.171B	0.548B	0.502B	19.3	12.3	0.939	0.411	0.836	0.426	0.503	0.421B	0.360B	22
23	0.147B	0.549B	0.481B	16.7	11.2	0.912	0.368	1.28	0.417	0.511	0.423B	0.374B	23
24	0.140B	0.521B	0.551B	15.0	10.4	0.891	0.321	1.13	0.510	0.504	0.449B	0.370B	24
25	0.148B	0.524B	0.558B	13.8	9.71	0.894	0.313	1.18	0.486	0.474B	0.452B	0.362B	25
26	0.173B	0.520B	0.660B	13.3	9.86	0.870	0.297	1.06	0.471	0.482B	0.474B	0.383B	26
27	0.177B	0.528B	0.752B	13.9	9.37	0.885	0.261	0.919	0.529	0.504B	0.478B	0.408B	27
28	0.203B	0.518B	0.773B	14.3	9.30	0.844	0.259	0.772	0.552	0.473B	0.453B	0.422B	28
29	0.225B	0.516B	0.747B	14.8	9.21	0.787	0.233	0.701	0.599	0.460B	0.459B	0.457B	29
30	0.241B		0.719B	16.3	8.43	0.744	0.221	0.566	0.604	0.481B	0.439B	0.429B	30
31	0.255B		0.691B		7.87		0.221	0.461		0.473B		0.411B	31
TOTAL	10.609	9.383	17.663	613.007	1 030.87	72.406	14.780	14.335	10.673	15.171	13.686	12.149	TOTAL
MEAN	0.342	0.324	0.570	20.4	33.2	2.41	0.476	0.462	0.356	0.489	0.456	0.392	MEAN
MAX	0.602	0.546	0.773	32.6	122	7.28	0.794	1.28	0.604	0.582	0.517	0.457	MAX
MIN	0.140	0.097	0.431	0.701	7.87	0.744	0.221	0.173	0.225	0.446	0.407	0.328	MIN

SUMMARY FOR THE YEAR 1988

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 5.01
MAXIMUM DAILY, 122 ON MAY 5
MINIMUM DAILY, 0.097B ON FEB 8
MAXIMUM INSTANTANEOUS,
129 AT 00:22 CST ON MAY 5

TYPE OF GAUGE - RECORDING
LOCATION - LAT 51 59 52 N
LONG 102 04 26 W
DRAINAGE AREA, 1 920 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	917	JUL	1 280
FEB	811	AUG	1 240
MAR	1 530	SEP	922
APR	53 000	OCT	1 310
MAY	89 000	NOV	1 180
JUN	6 260	DEC	1 050

TOTAL DISCHARGE, 159 000 dam³

REMARKS - THE PEAK OCCURRED AS A RESULT OF HEAVY RAINS

SWIFT CURRENT CANAL AT SWIFT CURRENT - STATION NO. 05HD034

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	0 B	0.572B	3.29	1.36	0.495	0.236	0	0	0	---	---	1
2	---	0 B	0.563B	3.62	1.27	0.436	0.231	0	0	0	---	---	2
3	---	0 B	0.554B	3.60	1.39	0.246	0.197	0	0	0	---	---	3
4	---	0 B	0.545B	3.59	2.50	0.041	0.183	0	0	0	---	---	4
5	---	0 B	0.536B	3.62	2.66	0.023	0.174	0	0	0	---	---	5
6	---	0 B	0.527B	3.70	2.84	0.019	0.135	0	0	0	---	---	6
7	---	0 B	0.518B	3.69	2.94	0.027	0.207	0	0	0	---	---	7
8	---	0 B	0.509B	3.62	3.04	0.021	0.227	0	0	0	---	---	8
9	---	0 B	0.500B	3.62	3.05	0.020	0.059	0	0	0	---	---	9
10	---	0 B	0.474B	3.62	3.01	0.019	0.058	0	0	0	---	---	10
11	---	0 B	0.449B	3.61	2.92	0.018	0.034	0	0	0	---	---	11
12	---	0 B	0.423B	3.69	3.02	0.021	0.021	0	0	0	---	---	12
13	---	0 B	0.398B	3.77	3.10	0.027	0.017	0	0	0	---	---	13
14	---	0 B	0.372B	4.09	3.36	0.025	0	0	0	0	---	---	14
15	---	0 B	0.346B	4.14	3.39	0.023	0	0	0	0	---	---	15
16	---	0 B	0.321B	4.13	3.26	0.021	0	0	0	0	---	---	16
17	---	0 B	0.295B	4.16	3.19	0.018	0	0	0	0	---	---	17
18	---	0 B	0.365B	4.18	2.92	0.016	0	0	0	0	---	---	18
19	---	0 B	0.435B	4.17	2.61	0.013	0	0	0	0	---	---	19
20	---	0 B	0.505B	4.18	2.36	0.012	0	0	0	0	---	---	20
21	---	0 B	0.575B	4.12	2.13	0.012	0	0	0	0	---	---	21
22	---	0 B	0.600B	3.19	1.45	0.012	0	0	0	0	---	---	22
23	---	0 B	0.600B	2.73	1.30	0.012	0	0	0	0	---	---	23
24	---	0 B	1.40	2.83	1.28	0.012	0	0	0	0	---	---	24
25	---	0.004B	1.30	2.36	0.885	0.013	0	0	0	0	---	---	25
26	---	0.325B	2.18	2.38	0.582	0.180	0	0	0	0	---	---	26
27	---	0.550B	2.61	1.76	0.580	0.146	0	0	0	0	---	---	27
28	---	0.630B	2.84	0.886	0.653	0.128	0	0	0	0	---	---	28
29	---	0.616B	2.17	0.954	0.528	0.070	0	0	0	0	---	---	29
30	---		2.38	1.61	0.425	0.171	0	0	0	0	---	---	30
31	---		3.25		0.444		0	0		0		---	31
TOTAL	---	2.225	26.302	98.882	64.287	2.298	1.778	0	0	0	---	---	TOTAL
MEAN	---	0.077	0.848	3.29	2.07	0.077	0.057	0	0	0	---	---	MEAN
MAX	---	0.650	3.25	4.18	3.39	0.495	0.236	0	0	0	---	---	MAX
MIN	---	0	0.295	0.886	0.425	0.012	0	0	0	0	---	---	MIN

SUMMARY FOR THE MONTHS FEB TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.725
MAXIMUM DAILY, 4.18 ON APR 18
MINIMUM DAILY, 0B ON FEB 1

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 18 03 N
LONG 107 46 43 W

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	153
FEB	192	AUG	0
MAR	2 540	SEP	0
APR	8 630	OCT	0
MAY	5 560	NOV	---
JUN	199	DEC	---

TOTAL DISCHARGE, 17 200 dam³

SWIFT CURRENT CREEK BELOW REID LAKE - STATION NO. 05HD041

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.844	0.472	0.281	2.88	1.29	1.76	0.863	0.400	0.348	0.111	0.085	0.210	1
2	0.811	0.513	0.274	2.88	1.79	1.52	0.868	0.383	0.483	0.106	0.088	0.205	2
3	0.592	0.503	0.273	2.89	2.84	0.845	1.01	0.482	0.464	0.104	0.084	0.200	3
4	0.575	0.508	0.283	3.45	2.80	0.127	0.815	0.525	0.425	0.105	0.088	0.201	4
5	0.551	0.485	0.283	3.71	3.06	0.125	0.452	0.594	0.360	0.105	0.080	0.197	5
6	0.522	0.498	0.282	3.71	3.09	0.108	0.434	0.615	0.335	0.104	0.102	0.201	6
7	0.500	0.437	0.324	3.72	3.11	0.081	0.325	0.642	0.368	0.102	0.108	0.197	7
8	0.450	0.481	0.304	3.76	3.10	0.087	0.313	0.664	0.383	0.105	0.086	0.210	8
9	0.425	0.464	0.306	3.75	3.07	0.083	0.347	0.693	0.357	0.107	0.088	0.211	9
10	0.443	0.460	0.338	3.88	3.08	0.080	0.364	0.713	0.355	0.099	0.085	0.214	10
11	0.424	0.447	0.296	3.71	3.87	0.084	0.324	0.710	0.380	0.098	0.080	0.218	11
12	0.418	0.425	0.289	3.98	3.92	0.085	0.370	0.718	0.308	0.099	0.085	0.213	12
13	0.392	0.463	0.278	4.38	3.95	0.085	0.413	0.653	0.251	0.101	0.084	0.215	13
14	0.383	0.455	0.287	4.31	4.03	0.102	0.328	0.674	0.249	0.089	0.082	0.208	14
15	0.404	0.488	0.288	4.34	4.07	0.102	0.317	0.663	0.242	0.101	0.081	0.211	15
16	0.415	0.475	0.280	4.39	4.01	0.108	0.323	0.552	0.264	0.088	0.078	0.209	16
17	0.407	0.485	0.284	4.38	3.90	0.112	0.294	0.483	0.264	0.085	0.078	0.208	17
18	0.408	0.487	0.289	4.37	3.86	0.122	0.295	0.450	0.252	0.085	0.078	0.201	18
19	0.415	0.446	0.284	4.33	3.65	0.125	0.318	0.339	0.247	0.092	0.077	0.205	19
20	0.403	0.372	0.265	4.34	3.36	0.138	0.305	0.285	0.213	0.087	0.076	0.204	20
21	0.470	0.388	0.268	3.49	2.84	0.150	0.280	0.285	0.189	0.082	0.075	0.205	21
22	0.425	0.482	0.268	2.84	2.88	0.142	0.345	0.281	0.187	0.108	0.073	0.208	22
23	0.483	0.375	1.41	2.84	2.91	0.136	0.374	0.280	0.180	0.085	0.073	0.208	23
24	0.479	0.355	2.23	2.85	2.70	0.219	0.544	0.272	0.182	0.085	0.073	0.209	24
25	0.440	0.307	2.20	2.84	2.20	0.312	0.572	0.282	0.177	0.080	0.128	0.208	25
26	0.438	0.280	2.20	1.88	2.28	0.341	0.480	0.244	0.142	0.097	0.231	0.209	26
27	0.424	0.270	2.23	1.32	2.31	0.804	0.484	0.247	0.108	0.100	0.228	0.209	27
28	0.428	0.275	2.33	1.31	2.18	1.11	0.488	0.235	0.108	0.090	0.228	0.208	28
29	0.448	0.284	2.22	1.29	2.09	1.14	0.487	0.240	0.105	0.088	0.218	0.210	29
30	0.508		2.72	1.29	2.12	1.04	0.388	0.258	0.110	0.089	0.219	0.213	30
31	0.494		2.88		2.09		0.405	0.244		0.087		0.218	31
TOTAL	14.287	12.343	28.720	99.14	91.83	11.410	13.840	14.048	8.002	3.059	3.288	6.441	TOTAL
MEAN	0.484	0.426	0.882	3.30	2.98	0.380	0.446	0.453	0.267	0.099	0.110	0.208	MEAN
MAX	0.844	0.513	2.88	4.39	4.07	1.76	1.01	0.718	0.483	0.111	0.231	0.218	MAX
MIN	0.383	0.280	0.265	1.29	1.29	0.080	0.280	0.235	0.105	0.087	0.073	0.197	MIN

SUMMARY FOR THE YEAR 1988

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.832
MAXIMUM DAILY, 4.39 ON APR 16
MINIMUM DAILY, 0.073 ON NOV 22
MAXIMUM INSTANTANEOUS,
4.43 AT 15:41 CST ON APR 16

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 04 51 N
LONG 108 02 40 W
DRAINAGE AREA, 2 470 km²

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	1 240	JUL	1 200
FEB	1 070	AUG	1 210
MAR	2 310	SEP	691
APR	8 570	OCT	264
MAY	7 930	NOV	284
JUN	986	DEC	557

TOTAL DISCHARGE, 28 300 dam³

SWIFT CURRENT CREEK BELOW ROCK CREEK - STATION NO. 05HD036

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.143B	0.161B	1.49 B	1.54 B	0.399	0.101	0.224	0.003	0	0	0.189	0.148	1
2	0.167B	0.223B	1.44 B	1.86 B	0.405	0.093	0.218	0.002	0	0	0.178	0.155	2
3	0.155B	0.192B	1.27 B	1.84 B	0.404	0.083	0.327	0.004	0	0	0.184	0.157	3
4	0.158B	0.161B	1.36 B	2.00 B	0.378	0.061	0.204	0.001	0	0	0.185	0.155	4
5	0.170B	0.147B	1.22 B	1.94	0.384	0.088	0.145	0	0	0	0.192	0.169	5
6	0.144B	0.159B	1.16 B	1.73	0.382	0.058	0.122	0	0	0	0.188	0.169	6
7	0.176B	0.147B	1.22 B	1.55	0.378	0.048	0.092	0	0	0	0.194	0.169B	7
8	0.116B	0.177B	1.56 B	1.37	0.351	0.042	0.065	0	0	0	0.191	0.130B	8
9	0.082B	0.146B	1.74 B	1.12	0.328	0.045	0.048	0	0	0	0.180	0.122B	9
10	0.110B	0.107B	1.81 B	0.982	0.318	0.035	0.037	0	0	0	0.188	0.115B	10
11	0.122B	0.149B	1.73 B	0.880	0.300	0.022	0.031	0	0	0	0.180	0.114B	11
12	0.174B	0.224B	1.45 B	0.779	0.284	0.019	0.028	0	0	0	0.187	0.124B	12
13	0.206B	0.246B	1.35 B	0.710	0.275	0.053	0.020	0	0	0	0.181	0.134B	13
14	0.214B	0.201B	1.20 B	0.651	0.285	0.088	0.023	0	0	0	0.172	0.135B	14
15	0.222B	0.167B	1.08 B	0.608	0.289	0.071	0.020	0	0	0	0.156	0.137B	15
16	0.192B	0.222B	0.976B	0.613	0.242	0.114	0.015	0	0	0.001	0.153	0.136B	16
17	0.159B	0.216B	0.985B	0.606	0.221	0.110	0.017	0	0	0.001	0.137	0.132B	17
18	0.111B	0.214B	1.02 B	0.588	0.198	0.087	0.022	0	0	0.001	0.134	0.134B	18
19	0.115B	0.234B	1.28 B	0.532	0.178	0.098	0.021	0	0	0.001	0.142	0.139B	19
20	0.092B	0.331B	1.52 B	0.524	0.157	0.094	0.018	0	0	0.001	0.138	0.140B	20
21	0.117B	0.557B	1.84 B	0.509	0.151	0.117	0.017	0	0	0.001	0.143	0.138B	21
22	0.141B	0.489B	2.31 B	0.484	0.149	0.130	0.015	0	0	0.001	0.140	0.138B	22
23	0.108B	0.385B	2.28 B	0.484	0.140	0.127	0.010	0	0	0.080	0.148	0.142B	23
24	0.158B	0.409B	2.32 B	0.449	0.132	0.108	0.008	0	0	0.118	0.154	0.142B	24
25	0.135B	0.525B	2.27 B	0.481	0.132	0.082	0.007	0	0	0.111	0.155	0.148B	25
26	0.149B	0.552B	2.21 B	0.443	0.112	0.055	0.009	0	0	0.111	0.142	0.148B	26
27	0.148B	0.610B	1.70 B	0.439	0.101	0.040	0.008	0	0	0.095	0.132	0.140B	27
28	0.132B	1.42 B	1.78 B	0.418	0.095	0.038	0.007	0	0	0.130	0.123	0.137B	28
29	0.152B	1.89 B	1.82 B	0.411	0.084	0.858	0.008	0	0	0.143	0.133	0.133B	29
30	0.165B		1.18 B	0.384	0.083	1.41	0.008	0	0	0.138	0.141	0.127B	30
31	0.144B		0.784B		0.111		0.007	0		0.152		0.124B	31
TOTAL	4.688	10.880	47.155	26.880	7.388	4.178	1.806	0.010	0	1.063	4.757	4.315	TOTAL
MEAN	0.151	0.368	1.52	0.896	0.238	0.139	0.058	0	0	0.034	0.159	0.139	MEAN
MAX	0.222	1.89	2.32	2.00	0.405	1.41	0.327	0.004	0	0.152	0.194	0.169	MAX
MIN	0.082	0.107	0.784	0.384	0.083	0.018	0.007	0	0	0	0.123	0.114	MIN

SUMMARY FOR THE YEAR 1988

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.309
MAXIMUM DAILY, 2.32B ON MAR 24
MINIMUM DAILY, 0 ON AUG 5
MAXIMUM INSTANTANEOUS,
4.87 AT 22:49 CST ON JUN 29

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 50 39 N
LONG 108 28 46 W
DRAINAGE AREA, 1 430 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	403	JUL	156
FEB	923	AUG	0.86
MAR	4 070	SEP	0
APR	2 320	OCT	91.8
MAY	638	NOV	411
JUN	361	DEC	373

TOTAL DISCHARGE, 9 750 dam³

SWIFT CURRENT CREEK NEAR LEINAN - STATION NO. 05HD039

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.082B	0.064B	0.242B	0.556B	0.132	0.262	0.082	0.008E	0.057E	0.235	0.088B	0.126B	1
2	0.051B	0.069B	0.447B	0.769B	0.123	0.617	0.067	0.008E	0.048E	0.181	0.107B	0.137B	2
3	0.067B	0.075B	0.520B	0.884B	0.122	0.411	0.045	0.007E	0.041E	0.166	0.128B	0.152B	3
4	0.068B	0.062B	0.521B	1.03 B	0.120	0.313	0.042	0.007E	0.038E	0.167	0.139B	0.152B	4
5	0.078B	0.064B	0.511B	0.716B	0.126	0.206	0.044	0.008E	0.036E	0.154	0.140B	0.142B	5
6	0.075B	0.097B	0.545B	1.14 B	0.099	0.193	0.050	0.008E	0.034E	0.132	0.126B	0.138B	6
7	0.083B	0.114B	0.443B	0.868B	0.098	0.210	0.036	0.008E	0.032E	0.120	0.120B	0.133B	7
8	0.081B	0.118B	0.369B	0.884B	0.096	0.203	0.028	0.008E	0.031E	0.107	0.118B	0.111B	8
9	0.088B	0.090B	0.334B	0.547B	0.112	0.100	0.051	0.008E	0.030E	0.106	0.108B	0.102B	9
10	0.072B	0.229B	0.336B	0.416B	0.153	0.083	0.038	0.008E	0.029E	0.094	0.126B	0.108B	10
11	0.075B	0.410B	0.284B	0.398	0.173	0.054	0.028	0.008A	0.030E	0.084	0.125B	0.115B	11
12	0.080B	0.383B	0.261B	0.386	0.180	0.117	0.027	0.008	0.030E	0.096	0.132B	0.083B	12
13	0.082B	0.306B	0.235B	0.356	0.209	0.186	0.016	0.008	0.031E	0.098	0.128B	0.084B	13
14	0.073B	0.510B	0.217B	0.323	0.219	0.156	0.010	0.006	0.035E	0.104	0.125B	0.087B	14
15	0.084B	0.455B	0.202B	0.302	0.244	0.118	0.005	0.005	0.048A	0.091	0.128B	0.102B	15
16	0.082B	0.433B	0.186B	0.261	0.619	0.081	0.004	0.015	0.153	0.085	0.128B	0.108B	16
17	0.075B	0.465B	0.170B	0.288	0.438	0.118	0.003	0.061	0.188	0.083	0.128B	0.114B	17
18	0.085B	0.495B	0.218B	0.258	0.280	0.222	0.010	0.077	0.216	0.081	0.128B	0.123B	18
19	0.088B	0.385B	0.444B	0.246	0.183	0.172	0.016	0.071	0.210	0.082	0.130B	0.137B	19
20	0.103B	0.263B	0.422B	0.228	0.170	0.153	0.018	0.057	0.187	0.087	0.134B	0.148B	20
21	0.085B	0.274B	0.675B	0.210	0.166	0.106	0.016	0.127	0.198	0.088	0.138B	0.122B	21
22	0.083B	0.269B	0.788B	0.185	0.076	0.083	0.014	0.138	0.175	0.074	0.140B	0.088B	22
23	0.078B	0.255B	0.696B	0.180	0.139	0.088	0.010A	0.161	0.148	0.086	0.143B	0.080B	23
24	0.080B	0.278B	0.628B	0.152	0.118	0.046	0.009E	0.198	0.136	0.078	0.141B	0.087B	24
25	0.055B	0.288B	0.689B	0.152	0.086	0.032	0.007E	0.155	0.151	0.082	0.134B	0.082B	25
26	0.044B	0.285B	0.636B	0.155	0.045	0.028	0.008E	0.135	0.188	0.086	0.130B	0.076B	26
27	0.050B	0.218B	0.760B	0.131	0.138	0.024	0.008E	0.124	0.183	0.087B	0.123B	0.074B	27
28	0.045B	0.240B	0.514B	0.148	0.177	0.020	0.008E	0.106	0.189	0.106B	0.124B	0.075B	28
29	0.051B	0.227B	0.489B	0.145	0.106	0.018	0.008E	0.081	0.153	0.107B	0.120B	0.076B	29
30	0.049B		0.510B	0.156	0.166	0.047	0.008E	0.076	0.136	0.103B	0.127B	0.077B	30
31	0.072B		0.552B		0.194		0.007E	0.068E		0.089B		0.079B	31
TOTAL	2.225	7.430	14.126	12.361	5.335	4.659	0.706	1.769	3.138	3.376	3.814	3.388	TOTAL
MEAN	0.072	0.256	0.456	0.412	0.172	0.155	0.023	0.057	0.105	0.109	0.127	0.109	MEAN
MAX	0.103	0.510	0.828	1.14	0.619	0.617	0.082	0.198	0.216	0.235	0.143	0.152	MAX
MIN	0.044	0.062	0.170	0.131	0.045	0.018	0.003	0.005	0.029	0.074	0.088	0.074	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.170
MAXIMUM DAILY, 1.14B ON APR 6
MINIMUM DAILY, 0.003 ON JUL 17
MAXIMUM INSTANTANEOUS,
1.558 AT 12:11 CST ON APR 6

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 29 36 N
LONG 107 38 31 W
DRAINAGE AREA, 3 730 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	192	JUL	61.2
FEB	642	AUG	153
MAR	1 220	SEP	271
APR	1 070	OCT	292
MAY	461	NOV	330
JUN	403	DEC	291

TOTAL DISCHARGE, 5 390 dam³

TATAGWA LAKE DRAIN NEAR WEYBURN - STATION NO. 05NB018

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0	0	0	0	0	0	0	0	---	---	1
2	---	---	0	0	0	0	0	0	0	0	---	---	2
3	---	---	0	0	0	0	0	0	0	0	---	---	3
4	---	---	0	0	0	0	0	0	0	0	---	---	4
5	---	---	0	0	0	0	0	0	0	0	---	---	5
6	---	---	0	0	0	0	0	0	0	0	---	---	6
7	---	---	0	0	0	0	0	0	0	0	---	---	7
8	---	---	0	0	0	0	0	0	0	0	---	---	8
9	---	---	0	0	0	0	0	0	0	0	---	---	9
10	---	---	0	0	0	0	0	0	0	0	---	---	10
11	---	---	0	0	0	0	0	0	0	0	---	---	11
12	---	---	0	0	0	0	0	0	0	0	---	---	12
13	---	---	0	0	0	0	0	0	0	0	---	---	13
14	---	---	0	0	0	0	0	0	0	0	---	---	14
15	---	---	0	0	0	0	0	0	0	0	---	---	15
16	---	---	0	0	0	0	0	0	0	0	---	---	16
17	---	---	0	0	0	0	0	0	0	0	---	---	17
18	---	---	0	0	0	0	0	0	0	0	---	---	18
19	---	---	0	0	0	0	0	0	0	0	---	---	19
20	---	---	0	0	0	0	0	0	0	0	---	---	20
21	---	---	0	0	0	0	0	0	0	0	---	---	21
22	---	---	0	0	0	0	0	0	0	0	---	---	22
23	---	---	0	0	0	0	0	0	0	0	---	---	23
24	---	---	0	0	0	0	0	0	0	0	---	---	24
25	---	---	0	0	0	0	0	0	0	0	---	---	25
26	---	---	0	0	0	0	0	0	0	0	---	---	26
27	---	---	0	0	0	0	0	0	0	0	---	---	27
28	---	---	0	0	0	0	0	0	0	0	---	---	28
29	---	---	0	0	0	0	0	0	0	0	---	---	29
30	---		0	0	0	0	0	0	0	0	---	---	30
31	---		0		0		0	0		0		---	31
TOTAL	---	---	0	0	0	0	0	0	0	0	---	---	TOTAL
MEAN	---	---	0	0	0	0	0	0	0	0	---	---	MEAN
MAX	---	---	0	0	0	0	0	0	0	0	---	---	MAX
MIN	---	---	0	0	0	0	0	0	0	0	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0
MAXIMUM DAILY, 0 ON MAR 1
MINIMUM DAILY, 0 ON MAR 1
MAXIMUM INSTANTANEOUS,
0 AT 00:00 CST ON MAR 1

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 35 58 N
LONG 103 58 50 W
DRAINAGE AREA, 240 km²

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	0
FEB	---	AUG	0
MAR	0	SEP	0
APR	0	OCT	0
MAY	0	NOV	---
JUN	0	DEC	---

TOTAL DISCHARGE, 0 dam³

TAZIN LAKE NEAR OUTLET - STATION NO. 07QC003

DAILY WATER LEVEL IN METRES FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	4.218	4.072	3.950	3.795	3.642	3.811	4.067	4.460	4.746	4.810	4.762	4.734	1
2	4.202	4.063	3.947	3.790	3.640	3.809	4.072	4.467	4.750	4.808	4.761	4.730	2
3	4.190	4.060	3.944	3.783	3.636	3.824	4.081	4.476	4.747	4.813	4.762	4.729	3
4	4.192	4.055	3.940	3.780	3.635	3.839	4.091	4.488	4.759	4.817	4.758	4.734	4
5	4.192	4.052	3.939	3.780	3.634	3.850	4.097	4.497	4.775	4.817	4.755	4.732	5
6	4.192	4.051	3.936	3.779	3.630	3.855	4.097	4.509	4.771	4.824	4.728	4.725	6
7	4.187	4.042	3.937	3.769	3.632	3.866	4.136	4.524	4.783	4.836	4.764	4.723	7
8	4.184	4.041	3.927A	3.760	3.635	3.877	4.182	4.546	4.752	4.832	4.771	4.723	8
9	4.181	4.031	3.917	3.760	3.635	3.888	4.183	4.558	4.787	4.820	4.771	4.723	9
10	4.182	4.032	3.916	3.743	3.634	3.900	4.196	4.568	4.780	4.830	4.767	4.726	10
11	4.159	4.034	3.917	3.740	3.637	3.903	4.213	4.577	4.786	4.827	4.757	4.719	11
12	4.158	4.027	3.913A	3.729	3.639	3.916	4.228	4.588	4.789	4.833	4.749	4.724	12
13	4.154	4.025	3.899A	3.731	3.644	3.930	4.241	4.597	4.788	4.835	4.756	4.719	13
14	4.155	4.023	3.893	3.728	3.648	3.943	4.253	4.607	4.792	4.834	4.751	4.716	14
15	4.157	4.019	3.890	3.720	3.645	3.954	4.266	4.620	4.795	4.823	4.755	4.709	15
16	4.154	4.016	3.874	3.709	3.647	3.966	4.276	4.631	4.790	4.826	4.748	4.708	16
17	4.151	4.008	3.863	3.707	3.657	3.971	4.289	4.644	4.789	4.829	4.744	4.712	17
18	4.144	4.000	3.858	3.701	3.671	3.979	4.300	4.650	4.798	4.827	4.739A	4.717	18
19	4.138	3.993	3.860	3.695	3.671	3.981	4.312	4.659	4.800	4.812	4.732A	4.712	19
20	4.144	3.991	3.859	3.689	3.684	3.983	4.333	4.665	4.802	4.813	4.743	4.710	20
21	4.139	3.992	3.856	3.689	3.700	3.992	4.343	4.668	4.804	4.808	4.747	4.709	21
22	4.131	3.983A	3.851	3.682	3.698	4.005	4.348	4.672	4.795	4.805	4.753	4.708	22
23	4.132	3.980A	3.842	3.671	3.709	4.013	4.338	4.673	4.790	4.813	4.748	4.704	23
24	4.127	3.977	3.838	3.670	3.722	4.017	4.359	4.674	4.784	4.810	4.739	4.701	24
25	4.118	3.979	3.833	3.663	3.726	4.023	4.373	4.682	4.790	4.808	4.733	4.699	25
26	4.113	3.980	3.829	3.662	3.729	4.028	4.383	4.699	4.795	4.782	4.727	4.698	26
27	4.111A	3.974	3.825	3.662	3.731	4.033	4.407	4.711	4.800	4.783	4.734	4.693	27
28	4.100E	3.968	3.814	3.657	3.749	4.039	4.417	4.724	4.797	4.777	4.730	4.694	28
29	4.089A	3.963	3.809	3.652	3.757	4.047	4.430	4.723	4.804	4.770	4.727	4.695	29
30	4.084		3.805	3.641	3.770	4.057	4.440	4.745	4.807	4.727	4.733	4.695	30
31	4.078		3.802		3.784		4.452	4.744		4.758		4.696	31
MEAN	4.149	4.015	3.880	3.718	3.677	3.943	4.284	4.615	4.784	4.810	4.747	4.713	MEAN
MAX	4.218	4.072	3.950	3.795	3.784	4.057	4.452	4.745	4.807	4.836	4.771	4.734	MAX
MIN	4.078	3.963	3.802	3.641	3.630	3.809	4.067	4.460	4.746	4.727	4.727	4.693	MIN

WATER LEVELS IN METRES

SUMMARY FOR THE YEAR 1988

MEAN, 4.278
MAXIMUM DAILY, 4.836 ON OCT 7
MINIMUM DAILY, 3.630 ON MAY 6
MAXIMUM INSTANTANEOUS,
4.860 AT 18:22 CST ON OCT 8

TYPE OF GAUGE - RECORDING
LOCATION - LAT 59 40 10 N
LONG 109 24 30 W

A - MANUAL GAUGE

E - ESTIMATED

REGULATED

WATER LEVELS ARE REFERRED TO ASSUMED DATUM NO. 2

REMARKS - WORK WAS DONE ON THE OUTLET STRUCTURE IN 1988

THEODORE RESERVOIR NEAR THEODORE - STATION NO. 05MB008

DAILY WATER LEVEL IN METRES FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	497.666E	497.634	497.783	497.803	497.740	497.607	497.536	497.486	497.478A	---	1
2	---	---	497.666E	497.674	497.817	497.797	497.740	497.622	497.534	497.483	---	---	2
3	---	---	497.666E	497.760	497.833	497.789	497.735	497.628	497.532	497.479	---	---	3
4	---	---	497.666E	497.832	497.847	497.783	497.723	497.631	497.531	497.477	---	---	4
5	---	---	497.666E	497.869	497.847	497.781	497.723	497.633	497.528	497.478	---	---	5
6	---	---	497.666E	497.872	497.849	497.784	497.742	497.626	497.522	497.483	---	---	6
7	---	---	497.666E	497.860	497.852	497.783	497.733	497.621	497.523	497.485	---	---	7
8	---	---	497.666E	497.849	497.882	497.787	497.726	497.616	497.517	497.489	---	---	8
9	---	---	497.666E	497.840	497.893	497.787	497.716	497.614	497.503	497.483	---	---	9
10	---	---	497.662E	497.882	497.889	497.761	497.707	497.616	497.495	497.486	---	---	10
11	---	---	497.638E	497.913	497.891	497.784	497.701	497.611	497.495	497.482	---	---	11
12	---	---	497.611E	497.935	497.885	497.779	497.696	497.612	497.494	497.486	---	---	12
13	---	---	497.586E	497.946	497.871	497.770	497.700	497.609	497.494	497.488	---	---	13
14	---	---	497.559E	497.951	497.872	497.769	497.698	497.609	497.490	497.487	---	---	14
15	---	---	497.533E	497.950	497.882	497.765	497.696	497.614	497.486	497.484	---	---	15
16	---	---	497.507E	497.942	497.879	497.757	497.694	497.622	497.489	497.482	---	---	16
17	---	---	497.478E	497.923	497.875	497.762	497.689	497.642	497.486	497.484	---	---	17
18	---	---	497.448E	497.906	497.882	497.764	497.682	497.628	497.479	497.488	---	---	18
19	---	---	497.416E	497.890	497.880	497.762	497.679	497.627	497.480	497.481	---	---	19
20	---	---	497.400E	497.873	497.876	497.759	497.676	497.621	497.479	497.484	---	---	20
21	---	---	497.558E	497.857	497.869	497.761	497.677	497.621	497.479	497.474	---	---	21
22	---	497.666A	497.577A	497.845	497.861	497.752	497.672	497.611	497.480	497.479	---	---	22
23	---	497.666E	497.584	497.829	497.852	497.751	497.668	497.599	497.478	497.474	---	---	23
24	---	497.666E	497.592	497.827	497.844	497.757	497.659	497.582	497.478	497.476	---	---	24
25	---	497.666E	497.626	497.815	497.856	497.754	497.655	497.582	497.475	497.475	---	---	25
26	---	497.666E	497.636	497.806	497.849	497.740	497.652	497.556	497.480	497.470	---	---	26
27	---	497.666E	497.654	497.800	497.846	497.740	497.643	497.548	497.474	497.469	---	---	27
28	---	497.666E	497.663	497.791	497.842	497.738	497.636	497.544	497.482	497.467	---	---	28
29	---	497.666E	497.669	497.784	497.833	497.729	497.631	497.541	497.485	497.481A	---	---	29
30	---		497.663A	497.778	497.821	497.738	497.623	497.539	497.488	497.473A	---	---	30
31	---		497.662A		497.810		497.616	497.540		497.473		---	31
MEAN	---	---	497.603	497.847	497.857	497.765	497.688	497.602	497.496	497.481	---	---	MEAN
MAX	---	---	497.669	497.951	497.893	497.803	497.742	497.642	497.536	497.489	---	---	MAX
MIN	---	---	497.400	497.634	497.783	497.729	497.616	497.539	497.474	497.467	---	---	MIN

WATER LEVELS IN METRES

SUMMARY FOR THE YEAR 1988

MAXIMUM DAILY, 497.951 ON APR 14

MAXIMUM INSTANTANEOUS,
497.954 AT 15:38 CST ON APR 14

TYPE OF GAUGE - RECORDING
LOCATION - LAT 51 26 32 N
LONG 102 50 20 W

A - MANUAL GAUGE

E - ESTIMATED

REGULATED

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

THUNDER CREEK NEAR DARMODY - STATION NO. 05JG012

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1986

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0	0	0	0	0	0	0	0	---	---	1
2	---	---	0	0	0	0	0	0	0	0	---	---	2
3	---	---	0	0	0	0	0	0	0	0	---	---	3
4	---	---	0	0	0	0	0	0	0	0	---	---	4
5	---	---	0	0	0	0	0	0	0	0	---	---	5
6	---	---	0	0	0	0	0	0	0	0	---	---	6
7	---	---	0	0	0	0	0	0	0	0	---	---	7
8	---	---	0	0	0	0	0	0	0	0	---	---	8
9	---	---	0	0	0	0	0	0	0	0	---	---	9
10	---	---	0	0	0	0	0	0	0	0	---	---	10
11	---	---	0	0	0	0	0	0	0	0	---	---	11
12	---	---	0	0	0	0	0	0	0	0	---	---	12
13	---	---	0	0	0	0	0	0	0	0	---	---	13
14	---	---	0	0	0	0	0	0	0	0	---	---	14
15	---	---	0	0	0	0	0	0	0	0	---	---	15
16	---	---	0	0	0	0	0	0	0	0	---	---	16
17	---	---	0	0	0	0	0	0	0	0	---	---	17
18	---	---	0	0	0	0	0	0	0	0	---	---	18
19	---	---	0	0	0	0	0	0	0	0	---	---	19
20	---	---	0	0	0	0	0	0	0	0	---	---	20
21	---	---	0	0	0	0	0	0	0	0	---	---	21
22	---	---	0	0	0	0	0	0	0	0	---	---	22
23	---	---	0	0	0	0	0	0	0	0	---	---	23
24	---	---	0	0	0	0	0	0	0	0	---	---	24
25	---	---	0	0	0	0	0	0	0	0	---	---	25
26	---	---	0	0	0	0	0	0	0	0	---	---	26
27	---	---	0	0	0	0	0	0	0	0	---	---	27
28	---	---	0	0	0	0	0	0	0	0	---	---	28
29	---		0	0	0	0	0	0	0	0	---	---	29
30	---		0	0	0	0	0	0	0	0	---	---	30
31	---		0		0		0	0		0		---	31
TOTAL	---	---	0	0	0	0	0	0	0	0	---	---	TOTAL
MEAN	---	---	0	0	0	0	0	0	0	0	---	---	MEAN
MAX	---	---	0	0	0	0	0	0	0	0	---	---	MAX
MIN	---	---	0	0	0	0	0	0	0	0	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0
MAXIMUM DAILY, 0 ON MAR 1
MINIMUM DAILY, 0 ON MAR 1
MAXIMUM INSTANTANEOUS,
0 AT 00:00 CST ON MAR 1

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 38 33 N
LONG 106 18 46 W
DRAINAGE AREA, 966 km²

REGULATED SINCE 1982

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	0
FEB	---	AUG	0
MAR	0	SEP	0
APR	0	OCT	0
MAY	0	NOV	---
JUN	0	DEC	---

TOTAL DISCHARGE, 0 dam³

THYME HILL RIVER BELOW MACKENZIE LAKE - STATION NO. 06DB003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1986

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	4.58E	3.22	2.47	2.13	2.34	37.1	21.6	14.8	8.82	8.88	7.54	8.01	1
2	4.54E	3.18	2.46	2.13	2.47	36.5	21.7	14.3	8.40	8.84	7.66	8.03	2
3	4.48E	3.16	2.45	2.11	2.66	36.0	21.6	14.1	8.61	8.88	7.70	7.95	3
4	4.42E	3.13	2.42	2.16	3.11	35.3	22.1	13.6	8.24	8.57	7.67	7.83	4
5	4.37E	3.11	2.41	2.21	3.67	34.4	21.7	13.5	8.65	8.70	7.64	7.92	5
6	4.31A	3.07	2.39	2.24	4.36	36.8	21.4	13.1	8.71	8.81	7.88	7.93	6
7	4.21	3.00	2.37	2.24	5.69A	38.5	21.6	12.7	8.75	8.90	7.84	7.82	7
8	4.12	2.95A	2.36	2.27	7.73	40.8	23.0	12.3	8.77	8.71	8.00	7.72	8
9	4.07	2.88E	2.36	2.31	10.4 A	42.1	24.2	12.1	8.50	8.90	7.88	7.62	9
10	4.01	2.86E	2.36	2.32	13.5 A	42.6	24.6	12.0	8.33	8.90	7.88	7.50	10
11	3.98	2.80E	2.35	2.27	16.9	42.4	25.3	11.6	8.20	8.43	7.89	7.47	11
12	3.91	2.78A	2.33	2.26	18.8	41.4	25.7	11.3	8.03	8.33	8.01	7.41	12
13	3.84	2.78	2.31	2.27	21.1	40.5	25.4	10.9	8.27	8.29	8.04	7.30	13
14	3.78A	2.76	2.29	2.27	23.9	39.9	24.4	10.8	8.03	8.32	8.04	7.30	14
15	3.72	2.75	2.26	2.26	26.6 A	39.0	23.8	10.7	8.04	8.38	8.03	7.11	15
16	3.75	2.75	2.24	2.31	28.0	37.8	23.3	10.4	8.10	8.18	8.03	7.07	16
17	3.70	2.75	2.24	2.28	29.8	36.7	22.9	10.1	7.94	8.01	8.05	6.98	17
18	3.68	2.78	2.23	2.29	31.3	35.3	22.0	9.80	7.77	7.98	8.04	6.84	18
19	3.66	2.75A	2.22	2.25	32.9	34.5	21.4	9.57	7.98	7.88	7.98	7.02	19
20	3.63	2.71	2.21	2.22	34.7	33.3	20.5	9.27	7.48	8.07	8.02	7.04	20
21	3.72	2.70	2.18	2.21	36.3	32.2	19.7	9.20	7.34	7.73	7.88	6.97	21
22	3.64	2.65	2.20	2.21	37.5	30.7	18.1	9.78	7.90	8.30	7.97	6.92	22
23	3.63	2.59A	2.20	2.21	38.4	29.3	18.5	9.66	7.97	8.22	8.04	6.90	23
24	3.59	2.55E	2.20	2.21	38.6	28.7	18.0	9.93	7.98	8.15	8.30	6.85	24
25	3.53	2.53A	2.18	2.21	39.1	27.8	17.3	9.93	8.13	8.04	8.33	6.78	25
26	3.49	2.49	2.16	2.20	38.9 A	27.0	17.0	10.3	8.24	7.89	8.31	6.72	26
27	3.43	2.47	2.15	2.18	38.0	26.2	16.5	10.1	8.18	7.76	8.22	6.71	27
28	3.38	2.48	2.13	2.19	38.3	24.9	16.0	9.77	8.27	7.58	8.12	6.60	28
29	3.35	2.47	2.15	2.21	38.5	23.6	15.6	9.57	8.34	7.49	8.10	6.51	29
30	3.29		2.14	2.24	38.1	22.3	14.9	9.61	8.58	7.51	8.02	6.44	30
31	3.26		2.12		37.8		15.0	9.43		7.52		6.39	31
TOTAL	118.06	81.10	70.56	66.84	737.45	1 032.0	645.8	344.44	250.23	254.88	239.41	223.72	TOTAL
MEAN	3.81	2.90	2.28	2.23	23.8	34.4	20.8	11.1	8.34	8.22	7.98	7.22	MEAN
MAX	4.58	3.22	2.47	2.32	39.1	42.6	25.7	14.8	8.82	8.90	8.33	8.03	MAX
MIN	3.26	2.47	2.12	2.11	2.34	22.3	14.9	9.20	7.34	7.49	7.54	6.39	MIN

SUMMARY FOR THE YEAR 1986

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 11.1
MAXIMUM DAILY, 42.6 ON JUN 10
MINIMUM DAILY, 2.11 ON APR 3
MAXIMUM INSTANTANEOUS,
42.8 AT 21:06 CST ON JUN 10

TYPE OF GAUGE - RECORDING
LOCATION - LAT 57 48 10 N
LONG 102 43 50 W
DRAINAGE AREA, 1 300 km²
A - MANUAL GAUGE

E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	10 200	JUL	55 800
FEB	7 010	AUG	29 800
MAR	6 100	SEP	21 600
APR	5 770	OCT	22 000
MAY	63 700	NOV	20 700
JUN	89 200	DEC	19 300

TOTAL DISCHARGE, 351 000 dam³

TOBIN LAKE AT THE SPILLWAY - STATION NO. 05KD004

DAILY WATER LEVEL IN METRES FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	313.651	313.505	312.927	312.700	313.243	313.402	313.704	313.618	313.614	313.574	313.556	313.443	1
2	313.665	313.465	312.933	312.633	313.210	313.418	313.710	313.597	313.616	313.571	313.596	313.479	2
3	313.663	313.386	312.957	312.585	313.218	313.436	313.700	313.650	313.576	313.568	313.637	313.515	3
4	313.575	313.260	312.973	312.560	313.242	313.410	313.693	313.698	313.560	313.622	313.669	313.526	4
5	313.513	313.162	312.925	312.556	313.261	313.357	313.676	313.721	313.560	313.630	313.689	313.547	5
6	313.498	313.166	312.837	312.629	313.321	313.305	313.669	313.661	313.541	313.642	313.676	313.591	6
7	313.476	313.211	312.823	312.705	313.347	313.235	313.665	313.666	313.570	313.652	313.700	313.637	7
8	313.484	313.266	312.852	312.761	313.356	313.203	313.666	313.640	313.602	313.669	313.690	313.618	8
9	313.507	313.286	312.876	312.779	313.342	313.203	313.630	313.659	313.591	313.671	313.684	313.589	9
10	313.488	313.282	312.904	312.729	313.376	313.224	313.623	313.612	313.573	313.644	313.678	313.486	10
11	313.475	313.284	312.911	312.730	313.365	313.270	313.612	313.533	313.556	313.643	313.669	313.447	11
12	313.489	313.316	312.910	312.612	313.353	313.232	313.631	313.519	313.585	313.641	313.635	313.461	12
13	313.450	313.313	312.869	312.605	313.339	313.192	313.646	313.529	313.592	313.663	313.595	313.475	13
14	313.519	313.313	312.816	312.781	313.316	313.203	313.663	313.517	313.595	313.676	313.569	313.465	14
15	313.570	313.289	312.808	312.774	313.273	313.255	313.667	313.526	313.585	313.676	313.544	313.415	15
16	313.630	313.281	312.825	312.920	313.263	313.310	313.700	313.547	313.608	313.636	313.528	313.421	16
17	313.645	313.297	312.857A	313.051	313.278	313.332	313.696	313.584	313.622	313.620	313.531	313.344	17
18	313.644	313.287	312.836E	313.017	313.283	313.335	313.683	313.580	313.624	313.623	313.486	313.336	18
19	313.664	313.282	312.817E	313.033	313.264	313.338	313.709	313.613	313.604	313.618	313.458	313.380	19
20	313.633	313.194	312.785	313.069	313.270	313.311	313.697	313.626	313.600	313.604	313.415	313.376	20
21	313.624	313.152	312.793	313.111	313.226	313.401	313.692	313.656	313.577	313.597	313.375	313.376	21
22	313.607	313.131	312.827	313.144	313.190	313.450	313.653	313.690	313.584	313.591	313.382	313.353	22
23	313.586	313.113	312.867	313.155	313.178	313.514	313.579	313.677	313.569	313.551	313.357	313.292	23
24	313.576	313.051	312.918	313.116	313.229	313.560	313.651	313.658	313.553	313.546	313.346	313.269	24
25	313.615	312.995	312.910	313.089	313.284	313.630	313.645	313.639	313.539	313.563	313.352	313.295	25
26	313.623	312.994	312.871	313.119	313.262	313.625	313.668	313.642	313.504	313.569	313.361	313.297	26
27	313.626	312.984	312.821	313.186	313.319	313.616	313.631	313.646	313.536	313.588	313.354	313.314	27
28	313.618	312.948	312.777	313.208	313.357	313.673	313.678	313.640	313.557	313.574	313.362	313.381	28
29	313.639	312.915	312.766	313.234	313.348	313.701	313.694	313.648	313.562	313.579	313.396	313.375	29
30	313.661		312.810	313.227	313.327	313.700	313.628	313.651	313.547	313.540	313.418	313.440	30
31	313.601		312.785		313.383		313.623	313.641		313.633		313.481	31
MEAN	313.580	313.211	312.856	312.907	313.283	313.395	313.657	313.622	313.576	313.605	313.523	313.431	MEAN
MAX	313.665	313.505	312.973	313.237	313.385	313.701	313.710	313.721	313.624	313.676	313.700	313.637	MAX
MIN	313.450	312.915	312.785	312.556	313.178	313.192	313.645	313.517	313.504	313.533	313.346	313.269	MIN

SUMMARY FOR THE YEAR 1988

WATER LEVELS IN METRES

MEAN, 313.390
MAXIMUM DAILY, 313.721 ON AUG 5
MINIMUM DAILY, 312.556 ON APR 5
MAXIMUM INSTANTANEOUS,
313.747 AT 21:30 CST ON JUL 18

TYPE OF GAUGE - RECORDING
LOCATION - LAT 53 39 10 N
LONG 103 23 53 W

A - MANUAL GAUGE

E - ESTIMATED

REGULATED

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

REMARKS - THE STATION NAME WAS CHANGED IN 1986

TORCH RIVER NEAR LOVE - STATION NO. 05KE003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.950B	0.730B	1.19B	1.31B	14.1	13.3	1.69	0.784	2.92	2.98	1.74B	1.35 B	1
2	0.932B	0.702B	1.27B	1.46B	14.1	13.1	1.73	0.857	2.54	2.61	1.70B	1.19 B	2
3	0.803B	0.695B	1.24B	1.59B	13.8	12.7	1.64	0.884	2.33	2.55	1.70B	1.24 B	3
4	0.659B	0.677B	1.24B	1.61B	12.6	12.3	1.42	1.14	2.19	2.53	1.71B	1.36 B	4
5	0.712B	0.685B	1.30B	2.01B	11.6	11.9	1.37	2.31	2.01	2.61	1.76B	1.33 B	5
6	0.538B	0.705B	1.36B	2.01B	10.[illegible]	11.4	1.35	2.36	1.97	2.50	1.76B	1.47 B	6
7	0.569B	0.722B	1.47B	2.06B	11.6	11.0	1.38	2.92	2.20	2.38	1.69B	1.54 B	7
8	0.484B	0.722B	1.79B	1.69B	12.0	10.8	1.51	3.16	1.97	2.34	1.69B	1.40 B	8
9	0.454B	0.595B	1.50B	1.63B	12.5	9.37	1.56	4.16	1.79	2.23	1.61B	1.50 B	9
10	0.594B	0.643B	1.30B	2.00B	13.1	8.25	1.46	4.03	1.83	2.13	1.59B	1.33 B	10
11	0.827B	0.740B	1.23B	3.61B	11.6	6.60	1.42	2.71	1.96	2.10	1.49B	1.26 B	11
12	0.653B	0.677B	1.16B	3.96B	11.2	5.20	1.37	2.31	1.89	2.01	1.45B	1.16 B	12
13	0.691B	0.613B	1.17B	5.11B	11.5	4.13	1.44	2.63	1.87	1.95	1.41B	1.07 B	13
14	0.732B	0.616B	1.17B	6.74B	10.7	3.45	1.65	2.61	1.61	1.93	1.51B	1.17 B	14
15	0.807B	0.882B	1.16B	6.29B	10.3	3.03	2.79	3.29	1.57	1.82	1.64B	1.21 B	15
16	0.822B	1.05 B	1.19B	6.65B	10.4	2.88	3.43	1.99	1.57	1.81	1.56B	1.32 B	16
17	0.735B	1.08 B	1.20B	8.71B	10.4	2.65	3.75	1.79	1.95	1.92	1.62B	1.21 B	17
18	0.644B	1.09 B	1.19B	11.1 B	10.2	2.35	3.69	1.60	2.02	1.96	1.70B	1.06 B	18
19	0.617B	1.05 B	1.17B	12.8 B	10.0	2.13	3.57	1.60	2.64	1.84	1.73B	1.12 B	19
20	0.780B	0.997B	1.20B	11.6 B	9.78	1.97	3.26	1.53	3.05	1.86	1.72B	1.04 B	20
21	0.834B	0.988B	1.22B	11.6 B	9.36	1.60	3.00	1.56	2.84	1.85	1.72B	1.11 B	21
22	0.780B	0.957B	1.21B	11.1 B	9.23	1.58	2.73	2.02	2.71	1.86	1.72B	1.04 B	22
23	0.688B	0.855B	1.16B	10.4 B	8.85	1.70	2.37	2.50	2.56	1.85B	1.76B	1.01 B	23
24	0.741B	0.852B	1.17B	9.29B	8.07	1.81	2.07	3.18	2.61	1.83B	1.72B	1.04 B	24
25	0.697B	0.906B	1.20B	9.53B	7.86	2.20	1.88	3.66	2.49	1.82B	1.60B	1.03 B	25
26	0.741B	1.13 B	1.20B	9.34B	7.48	2.40	1.73	3.94	2.66	1.61B	1.59B	1.05 B	26
27	0.546B	1.07 B	1.24B	8.08B	7.44	2.39	1.55	3.70	2.42	1.78B	1.58B	1.08 B	27
28	0.546B	1.01 B	1.44B	7.50B	7.47	2.28	1.39	3.48	2.52	1.78B	1.51B	0.874B	28
29	0.546B	1.05 B	1.34B	8.73B	10.9	2.13	1.24	3.34	2.85	1.74B	1.54B	0.911B	29
30	0.823B		1.32B	11.9	13.0	2.03	1.09	3.12	2.80	1.74B	1.45B	0.821B	30
31	0.776B		1.30B		13.4		0.926	2.85		1.61B		0.997B	31
TOTAL	22.550	25.523	39.26	191.65	333.95	164.02	61.946	79.275	68.07	64.75	48.74	36.343	TOTAL
MEAN	0.727	0.880	1.27	6.39	10.8	5.46	2.00	2.58	2.27	2.09	1.62	1.17	MEAN
MAX	0.950	1.13	1.79	12.8	14.1	13.3	3.75	4.16	3.05	2.98	1.76	1.54	MAX
MIN	0.454	0.843	1.16	1.31	7.44	1.55	0.926	0.784	1.57	1.81	1.41	0.821	MIN

SUMMARY FOR THE YEAR 1988

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 3.11
MAXIMUM DAILY, 14.1 ON MAY 1
MINIMUM DAILY, 0.454B ON JAN 9

TYPE OF GAUGE - RECORDING
LOCATION - LAT 53 35 15 N
LONG 104 09 40 W
DRAINAGE AREA, 4 650 km^2

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	1 950	JUL	5 350
FEB	2 210	AUG	6 850
MAR	3 390	SEP	5 880
APR	16 600	OCT	5 590
MAY	28 900	NOV	4 210
JUN	14 200	DEC	3 140

TOTAL DISCHARGE, 98 300 dam^3

TURTLE LAKE NEAR GLASLYN - STATION NO. 05EG009

DAILY WATER LEVEL IN METRES FOR 1986

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	---	---	---	854.778	---	---	---	---	1
2	---	---	---	---	---	---	---	---	---	---	---	---	2
3	---	---	---	---	---	---	---	---	---	---	854.949	---	3
4	---	---	---	---	---	854.885	854.876	854.780	---	---	---	---	4
5	---	---	---	---	---	---	854.875	---	---	---	---	---	5
6	---	---	---	---	---	---	---	---	---	---	---	---	6
7	---	---	---	---	---	---	---	---	---	---	---	---	7
8	---	---	---	---	---	---	---	---	---	---	---	---	8
9	---	---	---	---	---	---	---	---	---	---	---	---	9
10	---	---	---	---	---	---	854.875	---	---	---	---	---	10
11	---	---	---	---	---	---	---	854.779	---	---	---	---	11
12	---	---	---	---	---	---	---	---	---	---	---	---	12
13	---	---	---	---	---	854.854	---	---	---	---	---	---	13
14	---	---	---	---	---	---	---	---	---	---	---	---	14
15	---	---	---	---	---	---	854.874	854.781	---	---	---	---	15
16	---	---	---	---	854.853	---	---	854.780	---	---	---	---	16
17	---	---	---	---	---	---	---	---	---	---	---	---	17
18	---	---	---	---	854.856	---	---	---	---	---	---	---	18
19	---	---	---	---	---	---	---	854.887	---	---	---	---	19
20	---	---	---	---	---	---	---	---	---	---	---	---	20
21	---	---	---	---	854.856	---	854.843	---	---	---	---	---	21
22	---	---	---	---	---	---	---	---	---	---	---	---	22
23	---	---	---	---	---	---	---	---	---	---	---	---	23
24	---	---	---	---	---	---	---	854.877	---	---	---	---	24
25	---	---	---	---	---	---	---	---	---	---	---	---	25
26	---	---	---	---	---	854.844	---	---	---	---	---	---	26
27	---	---	---	---	---	---	854.816	854.882	---	---	---	---	27
28	---	---	---	---	---	---	---	---	---	---	---	---	28
29	---	---	---	---	---	---	854.803	---	---	---	---	---	29
30	---		---	---	---	---	---	---	---	---	---	---	30
31	---		---		---		---	---		---		---	31
MEAN	---	---	---	---	---	---	---	---	---	---	---	---	MEAN
MAX	---	---	---	---	---	---	---	---	---	---	---	---	MAX
MIN	---	---	---	---	---	---	---	---	---	---	---	---	MIN

SUMMARY FOR THE YEAR 1986

TYPE OF GAUGE - MANUAL
LOCATION - LAT 53 35 50 N
LONG 108 35 07 W
DATA CONTRIBUTED BY -
SASKATCHEWAN WATER CORPORATION

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

TURTLELAKE RIVER NEAR TURTLEFORD - STATION NO. 05EG006

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1986

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.045B	0.283B	0.158	2.05	0.213E	0.008	0.372	0.175	0.347B	---	1
2	---	---	0.045B	1.70 B	0.176	2.82	0.207E	0.010	0.378	0.180	---	---	2
3	---	---	0.045B	1.50 B	0.184	2.15	0.200E	0.009	0.403	0.180	---	---	3
4	---	---	0.045B	1.84 B	0.161	1.80	0.188	0.030	0.455	0.250	---	---	4
5	---	---	0.045B	0.863B	0.083	1.75	0.180	0.028	0.427	0.305	---	---	5
6	---	---	0.046B	0.347B	0.070	2.09	0.187	0.041	0.307	0.309	---	---	6
7	---	---	0.046B	0.876B	0.088	1.46	0.203	0.047	0.321	0.305	---	---	7
8	---	---	0.047B	1.33 B	0.116	1.06	0.778	0.106	0.418	0.277	---	---	8
9	---	---	0.049B	1.15 B	0.113	0.453	1.61	0.103	0.338	0.286	---	---	9
10	---	---	0.050B	0.823B	0.110	0.661	2.08	0.049	0.374	0.287	---	---	10
11	---	---	0.055B	1.05 B	0.141	0.977	1.78	0.018	0.431	0.285	---	---	11
12	---	---	0.055B	0.433B	0.172	0.571	1.38	0.016	0.374	0.318	---	---	12
13	---	---	0.055B	0.421B	0.184	0.316	0.848	0.025	0.274	0.334	---	---	13
14	---	---	0.055B	0.533B	0.204	0.358	0.680	0.013	0.218	0.373	---	---	14
15	---	---	0.055B	0.485B	0.205	0.386	0.427	0.017	0.263	0.418	---	---	15
16	---	---	0.047B	0.344B	0.206	0.467	0.210	0.024	0.318	0.420	---	---	16
17	---	---	0.054B	0.302B	0.207	0.415	0.101A	0.053A	0.205	0.360	---	---	17
18	---	---	0.049B	0.341B	0.192	0.347	0.050E	0.200E	0.170	0.363	---	---	18
19	---	---	0.054B	0.378B	0.176	0.282E	0.038E	0.350E	0.187	0.330	---	---	19
20	---	---	0.049B	0.372B	0.147	0.250E	0.028E	0.640E	0.133	0.336	---	---	20
21	---	---	0.049B	0.324B	0.107	0.218E	0.022E	1.06 A	0.107	0.307	---	---	21
22	---	---	0.079B	0.268B	0.058	0.185E	0.020E	1.47	0.104	0.281	---	---	22
23	---	---	0.177B	0.218B	0.032	0.142E	0.018E	1.88	0.242	0.335	---	---	23
24	---	---	0.158B	0.277B	0.075	0.126E	0.016E	1.57	0.176	0.309	---	---	24
25	---	---	0.156B	0.186B	0.044	0.140E	0.016E	1.20	0.135	0.288	---	---	25
26	---	---	0.126B	0.182B	0.050	0.150E	0.014E	0.836	0.122	0.236	---	---	26
27	---	---	0.100B	0.269B	0.088	0.170E	0.014E	0.651	0.118	0.263	---	---	27
28	---	---	0.090B	0.156	0.083	0.160E	0.014E	0.467	0.118	0.316	---	---	28
29	---		0.088B	0.217	0.083	0.155E	0.014E	0.380	0.156	0.336B	---	---	29
30	---		0.084B	0.174	0.241	0.205E	0.014E	0.384	0.183	0.337B	---	---	30
31	---		0.082B		2.60		0.014A	0.338		0.346B		---	31
TOTAL	---	---	2.221	18.623	6.746	22.775	11.603	12.061	7.713	9.314	---	---	TOTAL
MEAN	---	---	0.072	0.621	0.218	0.759	0.374	0.389	0.257	0.300	---	---	MEAN
MAX	---	---	0.177	1.84	2.60	2.82	2.08	1.88	0.455	0.420	---	---	MAX
MIN	---	---	0.045	0.156	0.032	0.126	0.014	0.008	0.104	0.175	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.372
MAXIMUM DAILY, 2.82 ON JUN 2
MINIMUM DAILY, 0.008 ON AUG 1
MAXIMUM INSTANTANEOUS,
2.86 AT 04:35 CST ON MAY 31

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 53 22 37 N
LONG 108 57 04 W
DRAINAGE AREA, 2 310 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	1 000
FEB	---	AUG	1 040
MAR	192	SEP	666
APR	1 610	OCT	805
MAY	583	NOV	---
JUN	1 970	DEC	---

TOTAL DISCHARGE, 7 870 dam³

UNNAMED CREEK NEAR CUTBANK - STATION NO. 05HF022

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0	0	0	0	0	0	0	0	---	---	1
2	---	---	0	0	0	0	0	0	0	0	---	---	2
3	---	---	0	0	0	0	0	0	0	0	---	---	3
4	---	---	0	0	0	0	0	0	0	0	---	---	4
5	---	---	0	0	0	0	0	0	0	0	---	---	5
6	---	---	0	0	0	0	0	0	0	0	---	---	6
7	---	---	0	0	0	0	0	0	0	0	---	---	7
8	---	---	0	0	0	0	0	0	0	0	---	---	8
9	---	---	0	0	0	0	0	0	0	0	---	---	9
10	---	---	0	0	0	0	0	0	0	0	---	---	10
11	---	---	0	0	0	0	0	0	0	0	---	---	11
12	---	---	0	0	0	0	0	0	0	0	---	---	12
13	---	---	0	0	0	0	0	0	0	0	---	---	13
14	---	---	0	0	0	0	0	0	0	0	---	---	14
15	---	---	0	0	0	0	0	0	0	0	---	---	15
16	---	---	0	0	0	0	0	0	0	0	---	---	16
17	---	---	0	0	0	0	0	0	0	0	---	---	17
18	---	---	0	0	0	0	0	0	0	0	---	---	18
19	---	---	0	0	0	0	0	0	0	0	---	---	19
20	---	---	0	0	0	0	0	0	0	0	---	---	20
21	---	---	0	0	0	0	0	0	0	0	---	---	21
22	---	---	0	0	0	0	0	0	0	0	---	---	22
23	---	---	0	0	0	0	0	0	0	0	---	---	23
24	---	---	0	0	0	0	0	0	0	0	---	---	24
25	---	---	0	0	0	0	0	0	0	0	---	---	25
26	---	---	0	0	0	0	0	0	0	0	---	---	26
27	---	---	0	0	0	0	0	0	0	0	---	---	27
28	---	---	0	0	0	0	0	0	0	0	---	---	28
29	---	---	0	0	0	0	0	0	0	0	---	---	29
30	---		0	0	0	0	0	0	0	0	---	---	30
31	---		0		0		0	0		0		---	31
TOTAL	---	---	0	0	0	0	0	0	0	0	---	---	TOTAL
MEAN	---	---	0	0	0	0	0	0	0	0	---	---	MEAN
MAX	---	---	0	0	0	0	0	0	0	0	---	---	MAX
MIN	---	---	0	0	0	0	0	0	0	0	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0
MAXIMUM DAILY, 0 ON MAR 1
MINIMUM DAILY, 0 ON MAR 1
MAXIMUM INSTANTANEOUS,
0 AT 00:00 CST ON MAR 1

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 51 21 26 N
LONG 106 52 15 W
DRAINAGE AREA, 169 km²

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	0
FEB	---	AUG	0
MAR	0	SEP	0
APR	0	OCT	0
MAY	0	NOV	---
JUN	0	DEC	---

TOTAL DISCHARGE, 0 dam³

VAL MARIE PUMP NO. 1 - STATION NO. 11AC068

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0	0	0	0	0	0	0	0	---	---	1
2	---	---	0	0	0	0	0	0	0	0	---	---	2
3	---	---	0	0	0	0	0	0	0	0	---	---	3
4	---	---	0	0	0	0	0	0	0	0	---	---	4
5	---	---	0	0	0	0	0	0	0	0	---	---	5
6	---	---	0	0	0	0	0	0	0	0	---	---	6
7	---	---	0	0	0	0	0	0	0	0	---	---	7
8	---	---	0	0	0	0	0	0	0	0	---	---	8
9	---	---	0	0	0	0	0	0	0	0	---	---	9
10	---	---	0	0	0	0	0	0	0	0	---	---	10
11	---	---	0	0	0	0	0	0	0	0	---	---	11
12	---	---	0	0	0	0	0	0	0	0	---	---	12
13	---	---	0	0	0	0	0	0	0	0	---	---	13
14	---	---	0	0	0.181	0	0	0	0	0	---	---	14
15	---	---	0	0	0.248	0	0	0	0	0	---	---	15
16	---	---	0	0	0.238	0	0	0	0	0	---	---	16
17	---	---	0	0	0.218	0	0	0	0	0	---	---	17
18	---	---	0	0	0.228	0	0	0	0	0	---	---	18
19	---	---	0	0	0.206	0	0	0	0	0	---	---	19
20	---	---	0	0	0.178	0	0	0	0	0	---	---	20
21	---	---	0	0	0.220	0	0	0	0	0	---	---	21
22	---	---	0	0	0.223	0	0	0	0	0	---	---	22
23	---	---	0	0	0.208	0	0	0	0	0	---	---	23
24	---	---	0	0	0.217	0	0	0	0	0	---	---	24
25	---	---	0	0	0.238	0	0	0	0	0	---	---	25
26	---	---	0	0	0.230	0	0	0	0	0	---	---	26
27	---	---	0	0	0.184	0	0	0	0	0	---	---	27
28	---	---	0	0	0.178	0	0	0	0	0	---	---	28
29	---	---	0	0	0.204	0	0	0	0	0	---	---	29
30	---		0	0	0	0	0	0	0	0	---	---	30
31	---		0		0		0	0		0		---	31
TOTAL	---	---	0	0	3.377	0	0	0	0	0	---	---	TOTAL
MEAN	---	---	0	0	0.109	0	0	0	0	0	---	---	MEAN
MAX	---	---	0	0	0.248	0	0	0	0	0	---	---	MAX
MIN	---	---	0	0	0	0	0	0	0	0	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.014
MAXIMUM DAILY, 0.248 ON MAY 15
MINIMUM DAILY, 0 ON MAR 1

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 21 44 N
LONG 107 50 55 W

REGULATED

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	0
FEB	---	AUG	0
MAR	0	SEP	0
APR	0	OCT	0
MAY	292	NOV	---
JUN	0	DEC	---

TOTAL DISCHARGE, 292 dam³

VIDORA DITCH NEAR CONSUL - STATION NO. 11AB084

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0	0	0.001A	0.013	0	0	0	0	---	---	1
2	---	---	0	0	0.003	0	0	0	0	0	---	---	2
3	---	---	0	0	0.003	0	0	0	0	0	---	---	3
4	---	---	0	0	0.003	0	0	0	0	0	---	---	4
5	---	---	0	0	0.002	0	0	0	0	0	---	---	5
6	---	---	0	0	0	0	0	0	0	0	---	---	6
7	---	---	0	0	0	0	0	0	0	0	---	---	7
8	---	---	0	0	0	0	0	0	0	0	---	---	8
9	---	---	0	0	0.887	0	0	0	0	0	---	---	9
10	---	---	0	0	1.50	0	0	0	0	0	---	---	10
11	---	---	0	0	1.48	0	0	0	0	0	---	---	11
12	---	---	0	0	1.50	0	0	0	0	0	---	---	12
13	---	---	0	0	1.51	0	0	0	0	0	---	---	13
14	---	---	0	0	1.51	0	0	0	0	0	---	---	14
15	---	---	0	0	1.58	0	0	0	0	0	---	---	15
16	---	---	0	0	1.55	0	0	0	0	0	---	---	16
17	---	---	0	0	1.42	0	0	0	0	0	---	---	17
18	---	---	0	0	1.38	0	0	0	0	0	---	---	18
19	---	---	0	0	1.27	0	0	0	0	0	---	---	19
20	---	---	0	0	1.35	0	0	0	0	0	---	---	20
21	---	---	0	0	1.34	0	0	0	0	0	---	---	21
22	---	---	0	0	1.36	0	0	0	0	0	---	---	22
23	---	---	0	0	1.32	0	0	0	0	0	---	---	23
24	---	---	0	0	1.30	0	0	0	0	0	---	---	24
25	---	---	0	0	1.48	0	0	0	0	0	---	---	25
26	---	0	0	0	2.86	0	0	0	0	0	---	---	26
27	---	0	0	0	2.78	0	0	0	0	0	---	---	27
28	---	0	0	0	2.73	0	0	0	0	0	---	---	28
29	---	0	0	0	2.72	0	0	0	0	0	---	---	29
30	---		0	0	2.18	0	0	0	0	0	---	---	30
31	---		0		0.380		0	0		0		---	31
TOTAL	---	---	0	0	37.238	0.013	0	0	0	0	---	---	TOTAL
MEAN	---	---	0	0	1.20	0	0	0	0	0	---	---	MEAN
MAX	---	---	0	0	2.86	0.013	0	0	0	0	---	---	MAX
MIN	---	---	0	0	0	0	0	0	0	0	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.152
MAXIMUM DAILY, 2.86 ON MAY 26
MINIMUM DAILY, 0 ON MAR 1

SUMMARY FOR THE MONTHS MAR TO OCT

INTERNATIONAL GAUGING STATION
TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 27 27 N
LONG 109 35 30 W

A - MANUAL GAUGE

REGULATED

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	0
FEB	---	AUG	0
MAR	0	SEP	0
APR	0	OCT	0
MAY	3 220	NOV	---
JUN	1.12	DEC	---

TOTAL DISCHARGE, 3 220 dam³

WAKAW LAKE NEAR WAKAW - STATION NO. 05KA012

DAILY WATER LEVEL IN METRES FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	---	---	---	---	---	---	---	---	1
2	---	---	---	---	---	---	---	---	---	---	509.257	---	2
3	---	---	---	---	---	509.478	---	---	---	---	---	---	3
4	---	---	---	---	---	---	---	509.306	---	---	---	---	4
5	---	---	---	---	---	509.445	---	---	509.278	---	---	---	5
6	---	---	---	---	---	---	509.357	---	509.277	---	---	---	6
7	---	---	---	---	---	---	---	---	---	509.262	---	---	7
8	---	---	---	---	---	---	---	---	---	---	---	---	8
9	---	---	---	---	---	509.430	---	---	---	---	---	---	9
10	---	---	---	---	---	---	---	509.290	---	---	---	---	10
11	---	---	---	---	509.584	---	---	---	---	---	---	---	11
12	---	---	---	---	---	---	---	---	---	509.261	---	---	12
13	---	---	---	---	509.556	---	509.339	---	---	---	---	---	13
14	---	---	---	---	---	---	---	---	---	---	---	---	14
15	---	---	---	---	---	---	---	---	509.265	---	---	---	15
16	---	---	---	---	---	---	---	509.290	---	---	---	---	16
17	---	---	---	---	---	509.390	---	---	---	---	---	---	17
18	---	---	---	---	---	---	---	---	---	---	---	---	18
19	---	---	---	---	---	509.380	---	---	---	---	---	---	19
20	---	---	---	---	---	---	---	---	---	---	---	---	20
21	---	---	---	---	---	509.380	509.322	509.323	---	509.254	---	---	21
22	---	---	---	---	509.530	509.370	---	---	509.265	---	---	---	22
23	---	---	---	---	---	---	---	509.327	---	---	---	---	23
24	---	---	---	---	---	---	509.314	---	---	---	---	---	24
25	---	---	---	---	509.527	---	---	---	---	---	---	---	25
26	---	---	---	---	---	509.369	509.312	---	---	---	---	---	26
27	---	---	---	---	509.526	509.371	509.318	---	---	---	---	---	27
28	---	---	---	---	---	---	---	---	509.283	---	---	---	28
29	---	---	---	---	---	509.369	509.304	---	---	---	---	---	29
30	---		---	---	509.488	---	---	---	---	509.253	---	---	30
31	---		---		---		---	509.282		---		---	31
MEAN	---	---	---	---	---	---	---	---	---	---	---	---	MEAN
MAX	---	---	---	---	---	---	---	---	---	---	---	---	MAX
MIN	---	---	---	---	---	---	---	---	---	---	---	---	MIN

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - MANUAL
LOCATION - LAT 52 38 41 N
LONG 105 37 34 W
DATA CONTRIBUTED BY -
SASKATCHEWAN WATER CORPORATION

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

WALDSEA LAKE NEAR HUMBOLDT - STATION NO. 05KA010

DAILY WATER LEVEL IN METRES FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	---	---	532.546	---	532.284	---	---	---	1
2	---	---	---	---	---	---	---	---	---	---	---	---	2
3	---	---	---	---	---	532.666	---	---	---	---	532.243	---	3
4	---	---	---	---	---	---	---	---	---	---	532.238	---	4
5	---	---	---	---	---	---	---	532.456	---	---	---	---	5
6	---	---	---	---	---	---	---	---	---	---	---	---	6
7	---	---	---	---	---	---	---	---	---	532.274	---	---	7
8	---	---	---	---	---	---	532.528	---	---	---	---	---	8
9	---	---	---	---	---	---	---	---	532.254	---	---	---	9
10	---	---	---	---	532.742	532.639	---	---	---	---	---	---	10
11	---	---	---	---	---	---	---	---	---	---	532.233	---	11
12	---	---	---	---	---	---	---	532.426	---	---	---	---	12
13	---	---	---	---	---	---	---	---	---	---	---	---	13
14	---	---	---	---	---	---	---	---	---	532.263	---	---	14
15	---	---	---	---	---	---	532.511	---	---	---	---	---	15
16	---	---	---	---	---	532.591	---	---	532.324	---	---	---	16
17	---	---	---	---	---	532.581	---	---	---	---	---	---	17
18	---	---	---	---	---	---	---	---	---	---	---	---	18
19	---	---	---	---	---	---	---	532.426	---	---	---	---	19
20	---	---	---	---	532.731	---	---	---	---	---	---	---	20
21	---	---	---	---	---	---	---	---	---	532.253	---	---	21
22	---	---	---	---	---	---	532.473	---	532.284	---	---	---	22
23	---	---	---	---	---	---	---	---	---	---	---	---	23
24	---	---	---	---	---	532.573	---	---	---	---	---	---	24
25	---	---	---	---	---	---	---	---	---	---	---	---	25
26	---	---	---	---	---	---	---	532.424	---	---	---	---	26
27	---	---	---	---	532.704	---	---	---	---	---	---	---	27
28	---	---	---	---	---	---	532.426	---	---	532.243	---	---	28
29	---	---	---	---	---	---	532.455	---	---	---	---	---	29
30	---		---	---	---	---	---	---	532.284	---	---	---	30
31	---		---		---		---	---		---		---	31
MEAN	---	---	---	---	---	---	---	---	---	---	---	---	MEAN
MAX	---	---	---	---	---	---	---	---	---	---	---	---	MAX
MIN	---	---	---	---	---	---	---	---	---	---	---	---	MIN

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - MANUAL
LOCATION - LAT 52 16 46 N
LONG 105 11 33 W
DATA CONTRIBUTED BY -
SASKATCHEWAN WATER CORPORATION

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

WASCANA CREEK BELOW KRONAU MARSH - STATION NO. 05JF012

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0 B	0.023B	0.034	0.001	0	0	0	0	---	---	1
2	---	---	0 B	0.021B	0.039	0	0	0	0	0	---	---	2
3	---	---	0 B	0.019B	0.032	0	0	0	0	0	---	---	3
4	---	---	0 B	0.017B	0.042	0	0	0	0	0	---	---	4
5	---	---	0 B	0.035B	0.042	0	0	0	0	0	---	---	5
6	---	---	0 B	0.066B	0.033	0	0	0	0	0	---	---	6
7	---	---	0 B	0.071B	0.018	0	0	0	0	0	---	---	7
8	---	---	0 B	0.051B	0.041	0	0	0	0	0	---	---	8
9	---	---	0 B	0.071	0.036	0	0	0	0	0	---	---	9
10	---	---	0 B	0.099	0.047	0	0	0	0	0	---	---	10
11	---	---	0 B	0.145	0.044	0	0	0	0	0	---	---	11
12	---	---	0 B	0.172	0.059	0	0	0	0	0	---	---	12
13	---	---	0 B	0.163	0.059	0	0	0	0	0	---	---	13
14	---	---	0 B	0.122	0.062	0	0	0	0	0	---	---	14
15	---	---	0.004B	0.103	0.071	0	0	0	0	0	---	---	15
16	---	---	0.021B	0.083	0.115	0	0	0	0	0	---	---	16
17	---	---	0.010B	0.102	0.090	0	0	0	0	0	---	---	17
18	---	---	0.001B	0.076	0.075	0	0	0	0	0	---	---	18
19	---	---	0.013B	0.055	0.074	0	0	0	0	0	---	---	19
20	---	---	0.012B	0.048	0.073	0	0	0	0	0	---	---	20
21	---	---	0.010B	0.037	0.064	0	0	0	0	0	---	---	21
22	---	---	0.042B	0.036	0.072	0	0	0	0	0	---	---	22
23	---	---	0.069B	0.031	0.066	0	0	0	0	0	---	---	23
24	---	---	0.052B	0.018	0.057	0	0	0	0	0	---	---	24
25	---	---	0.020B	0.035	0.027	0	0	0	0	0	---	---	25
26	---	---	0.054B	0.033	0.024	0	0	0	0	0	---	---	26
27	---	---	0.065B	0.030	0.018	0	0	0	0	0	---	---	27
28	---	---	0.043B	0.032	0.013	0	0	0	0	0	---	---	28
29	---	---	0.032B	0.026	0.012	0	0	0	0	0	---	---	29
30	---		0.027B	0.025	0.013	0	0	0	0	0	---	---	30
31	---		0.025B		0.006		0	0		0		---	31
TOTAL	---	---	0.511	1.848	1.502	0.001	0	0	0	0	---	---	TOTAL
MEAN	---	---	0.016	0.062	0.048	0	0	0	0	0	---	---	MEAN
MAX	---	---	0.069	0.172	0.115	0.001	0	0	0	0	---	---	MAX
MIN	---	---	0	0.018	0.006	0	0	0	0	0	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.018
MAXIMUM DAILY, 0.172 ON APR 12
MINIMUM DAILY, 0B ON MAR 1
MAXIMUM INSTANTANEOUS,
0.192 AT 08:52 CST ON APR 12

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 21 07 N
LONG 104 26 03 W
DRAINAGE AREA, 2 880 km²

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	0
FEB	---	AUG	0
MAR	44.2	SEP	0
APR	159	OCT	0
MAY	130	NOV	---
JUN	0.09	DEC	---

TOTAL DISCHARGE, 333 dam³

WASCANA CREEK NEAR LUMSDEN - STATION NO. 05JF005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.341B	0.647B	0.357B	1.47 B	1.08	0.822	0.745	0.846	0.835	0.737	0.351	0.306B	1
2	0.530B	0.786B	0.646B	1.41 B	1.36	0.734	1.08	0.876	0.843	0.766	0.365	0.246B	2
3	0.332B	0.610B	1.53 B	1.65 B	1.46	0.735	0.864	2.34	0.832	0.761	0.376	0.213B	3
4	0.450B	0.431B	1.33 B	1.67 B	1.16	0.721	0.733	2.75	0.838	0.739	0.706	0.230B	4
5	0.562B	0.260B	1.01 B	1.40 B	0.951	0.696	0.748	1.37	0.833	0.726	0.719	0.426B	5
6	0.601B	0.248B	0.632B	1.08 B	1.09	0.673	0.882	1.00	0.810	0.736	0.717	0.605B	6
7	0.406B	0.530B	0.702B	1.30 B	1.04	0.675	3.44	0.807	0.773	0.733	0.720	0.683B	7
8	0.290B	0.408B	0.776B	2.03 B	1.01	0.733	1.81	0.718	0.765	0.842	0.666B	0.651B	8
9	0.414B	0.768B	0.871B	1.86 B	0.936	0.752	1.08	0.666	0.785	0.831	0.661B	0.456B	9
10	0.786B	0.830B	0.860B	2.32 B	0.906	0.720	0.806	0.648	0.861	0.383	0.633B	0.387B	10
11	0.418B	0.823B	1.63 B	2.20 B	0.900	0.626	0.730	0.720	1.01	0.236	0.652B	0.520B	11
12	0.888B	0.705B	1.36 B	1.46 B	0.832	0.686	0.883	0.721	1.14	0.170	0.617B	0.662B	12
13	0.703B	0.686B	1.04 B	1.32 B	0.889	0.610	0.672	0.716	1.32	0.122	0.787B	0.766B	13
14	0.888B	0.670B	0.884B	1.53 B	0.895	0.652	0.862	0.716	1.07	0.068	0.682B	0.748B	14
15	0.761B	0.672B	0.876B	1.71 B	0.886	0.636	0.848	0.737	0.980	0.062	0.661B	0.784B	15
16	0.286B	0.702B	0.316B	1.80 B	0.934	0.635	0.486	0.767	0.805	0.048	0.737B	0.787B	16
17	0.486B	0.672B	0.863B	1.77 B	0.980	0.782	0.379	0.686	0.847	0.036	0.918B	0.708B	17
18	0.692B	0.250B	1.07 B	1.26 B	0.936	0.686	0.786	0.828	0.829	0.032	0.880B	0.688B	18
19	0.408B	0.150B	0.830B	1.15	0.916	0.594	0.658	0.886	0.830	0.027	0.870B	0.733B	19
20	0.385B	0.150B	1.44 B	1.08	0.863	0.594	0.605	2.28	0.840	0.023	0.940B	0.818B	20
21	0.328B	0.150B	1.27 B	1.05	0.830	0.596	0.579	2.12	0.819	0.018	0.945B	0.879B	21
22	0.608B	0.165B	1.09 B	0.821	0.842	0.557	0.586	1.84	0.780	0.018	0.955B	0.534B	22
23	0.667B	0.300B	1.27 B	0.825	0.827	0.560	0.647	1.50	0.776	0.242	0.950B	0.456B	23
24	0.686B	0.750B	0.866B	0.867	0.806	0.640	0.647	1.16	0.848	0.313	0.966B	0.467B	24
25	0.300B	0.788B	0.877B	0.970	0.864	0.653	0.617	0.830	0.823	0.311	0.821B	0.611B	25
26	0.220B	0.700B	1.35 B	0.981	1.01	0.661	0.638	0.766	0.820	0.335	0.756B	0.627B	26
27	0.305B	0.666B	1.33 B	0.842	1.17	0.646	0.618	0.677	0.782	0.310	0.607B	0.586B	27
28	0.350B	0.667B	1.09 B	0.896	1.07	0.618	0.606	0.681	0.781	0.248	0.800B	0.612B	28
29	0.408B	0.724B	0.703B	0.873	1.04	0.666	0.622	0.676	0.852	0.340	0.745B	0.690B	29
30	0.408B		0.690B	1.02	1.02	0.698	0.618	0.684	0.488	0.320	0.523B	0.637B	30
31	0.600B		1.21 B		0.661		0.645	0.648		0.249		0.687B	31
TOTAL	15.081	16.242	31.180	41.578	29.736	20.591	24.486	33.308	25.806	10.486	21.708	19.087	TOTAL
MEAN	0.486	0.560	1.01	1.39	0.959	0.686	0.790	1.07	0.860	0.338	0.724	0.616	MEAN
MAX	0.888	0.823	1.63	2.32	1.46	0.836	3.44	2.75	1.32	0.766	0.966	0.890	MAX
MIN	0.220	0.150	0.316	0.821	0.661	0.618	0.379	0.648	0.488	0.018	0.351	0.213	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.799
MAXIMUM DAILY, 3.44 ON JUL 7
MINIMUM DAILY, 0.018 ON OCT 21
MAXIMUM INSTANTANEOUS,
5.03 AT 10:00 CST ON JUL 7

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 38 10 N
LONG 104 54 35 W
DRAINAGE AREA, 4 610 km²

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	1 300	JUL	2 120
FEB	1 400	AUG	2 880
MAR	2 690	SEP	2 200
APR	3 590	OCT	908
MAY	2 570	NOV	1 880
JUN	1 780	DEC	1 650

TOTAL DISCHARGE, 25 000 dam³

WASCANA CREEK NEAR SEDLEY - STATION NO. 05JF004

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0 B	0.007	0	0	0	0	0	0	---	---	1
2	---	---	0 B	0.008	0.003	0	0	0	0	0	---	---	2
3	---	---	0 B	0.007	0.006	0	0	0	0	0	---	---	3
4	---	---	0 B	0.007	0.005	0	0	0	0	0	---	---	4
5	---	---	0 B	0.008	0.004	0	0	0	0	0	---	---	5
6	---	---	0 B	0.004	0.003	0	0	0	0	0	---	---	6
7	---	---	0 B	0.003	0.005	0	0	0	0	0	---	---	7
8	---	---	0 B	0.004	0.008	0	0	0	0	0	---	---	8
9	---	---	0 B	0.003	0.006	0	0	0	0	0	---	---	9
10	---	---	0 B	0.002	0.006	0	0	0	0	0	---	---	10
11	---	---	0 B	0.002	0.004	0	0	0	0	0	---	---	11
12	---	---	0 B	0.001	0.002	0	0	0	0	0	---	---	12
13	---	---	0 B	0.001	0.001	0	0	0	0	0	---	---	13
14	---	---	0 B	0.001	0.001	0	0	0	0	0	---	---	14
15	---	---	0 B	0.001	0.001	0	0	0	0	0	---	---	15
16	---	---	0 B	0	0.001	0	0	0	0	0	---	---	16
17	---	---	0 B	0	0	0	0	0	0	0	---	---	17
18	---	---	0 B	0	0	0	0	0	0	0	---	---	18
19	---	---	0.001B	0	0	0	0	0	0	0	---	---	19
20	---	---	0.001B	0	0	0	0	0	0	0	---	---	20
21	---	---	0.002B	0	0	0	0	0	0	0	---	---	21
22	---	---	0.003B	0	0	0	0	0	0	0	---	---	22
23	---	---	0.003B	0	0	0	0	0	0	0	---	---	23
24	---	---	0.004B	0	0	0	0	0	0	0	---	---	24
25	---	---	0.002B	0	0	0	0	0	0	0	---	---	25
26	---	---	0.002	0	0	0	0	0	0	0	---	---	26
27	---	---	0.004	0	0	0	0	0	0	0	---	---	27
28	---	---	0.005	0	0	0	0	0	0	0	---	---	28
29	---	---	0.004	0	0	0	0	0	0	0	---	---	29
30	---		0.006	0	0	0	0	0	0	0	---	---	30
31	---		0.005		0		0	0		0		---	31
TOTAL	---	---	0.041	0.057	0.059	0	0	0	0	0	---	---	TOTAL
MEAN	---	---	0.001	0.002	0.002	0	0	0	0	0	---	---	MEAN
MAX	---	---	0.005	0.008	0.008	0	0	0	0	0	---	---	MAX
MIN	---	---	0	0	0	0	0	0	0	0	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.001
MAXIMUM DAILY, 0.008 ON MAY 8
MINIMUM DAILY, 0B ON MAR 1
MAXIMUM INSTANTANEOUS,
0.010 AT 11:30 CST ON MAY 8

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 08 10 N
LONG 104 01 50 W
DRAINAGE AREA, 1 620 km²

B - ICE CONDITIONS

REGULATED SINCE 1950

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	0
FEB	---	AUG	0
MAR	3.54	SEP	0
APR	4.92	OCT	0
MAY	5.10	NOV	---
JUN	0	DEC	---

TOTAL DISCHARGE, 13.6 dam³

WASCANA LAKE AT THE MARINA - STATION NO. 05JF015

DAILY WATER LEVEL IN METRES FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	570.285	570.292	570.380	570.488	570.545E	570.421	570.190	570.000	570.036	569.970	569.906	569.965	1
2	570.285	570.292	570.379	570.471	570.543E	570.403	570.184	570.076	570.034	569.987	569.910	569.964	2
3	570.284	570.292	570.369	570.474	570.543E	570.394	570.188	570.106	570.030	569.983	569.914	569.963	3
4	570.283	570.291	570.367	570.470	570.543A	570.393	570.209	570.117	570.029	569.985	569.916	569.963	4
5	570.284	570.288	570.365	570.481	570.545	570.380	570.228	570.112	570.028	569.980	569.919	569.963	5
6	570.285	570.293	570.367	570.484	570.540	570.371	570.265	570.109	570.025	569.959	569.925	569.963	6
7	570.285	570.295	570.376A	570.486	570.523	570.349	570.202A	570.092	569.989	569.957	569.915	569.962	7
8	570.285	570.294	570.395	570.486A	570.527	570.345	570.193E	570.081	569.970	569.961	569.919	569.960	8
9	570.286	570.293	570.404A	570.487E	570.522	570.332	570.188E	570.082	569.974	569.948	569.924	569.961	9
10	570.285	570.294	570.411	570.487E	570.521	570.3[illegible]	570.183E	570.070	569.980	569.944	569.928	569.962	10
11	570.285	570.294	570.413	570.487E	570.521	570.321	570.178E	570.066	570.006	569.944	569.928	569.962	11
12	570.283	570.293	570.413	570.487E	570.514	570.308	570.174A	570.057	570.007	569.946	569.931	569.962	12
13	570.284	570.294	570.411	570.487E	570.515	570.305	570.161	570.056	570.007	569.941	569.934	569.963	13
14	570.284	570.297	570.412	570.487E	570.502	570.308	570.154	570.051	570.010	569.938	569.936	569.963	14
15	570.283	570.297	570.411	570.487E	570.502	570.303	570.150	570.044	570.009	569.932	569.944	569.963	15
16	570.285	570.288	570.411	570.488E	570.514	570.301	570.1[illegible]	570.043	570.003	569.930	569.946	569.961	16
17	570.288	570.288	570.411	570.488E	570.506	570.303	[illegible]	570.042	569.981	569.928	569.945	569.961	17
18	570.286	570.287	570.408	570.488E	570.497	570.294	[illegible]	570.042	569.986	569.926	569.946	569.962	18
19	570.286	570.301	570.409	570.488E	570.490	570.280	570.110	570.057	569.986	569.928	569.950	569.962	19
20	570.287	570.310	570.408	570.488E	570.488	570.287	570.10[illegible]	570.096	569.985	569.921	569.951	569.963	20
21	570.287	570.315	570.408	570.489E	570.479	570.257	570.084	570.105	569.982	569.925	569.952	569.964	21
22	570.289	570.318	570.415	570.489E	570.480	570.245	570.085	570.094	569.976	569.909	569.954	569.964	22
23	570.281	570.320	570.423	570.491E	570.481	570.236	570.068	570.087	569.983	569.902	569.955	569.970	23
24	570.280	570.320	570.429	570.492E	570.477	570.226	570.063	570.096	569.981	569.916	569.958	569.970	24
25	570.289	570.325	570.431	570.495E	570.455	570.218	570.054	570.092	569.986	569.915	569.959	569.970	25
26	570.280	570.330	570.432	570.495E	570.456	570.218	570.043	570.085	569.978	569.918	569.960	569.970	26
27	570.281	570.342	570.449	570.495E	570.465	570.212	570.031	570.077	569.985	569.907	569.961	569.971	27
28	570.281	570.363	570.456	570.495E	570.464	570.197	570.015	570.080	569.984	569.906	569.962	569.970	28
29	570.281	570.376	570.461	570.500E	570.466	570.193	570.012	570.080	569.980	569.905	569.962	569.970	29
30	570.283		570.484	570.545E	570.463	570.184	570.011	570.088	569.874	569.905	569.964	569.970	30
31	570.281		570.488		570.432		570.001	570.064		569.904		569.973	31
MEAN	570.287	570.307	570.412	570.489	570.500	570.287	570.126	570.076	569.999	569.932	569.939	569.965	MEAN
MAX	570.283	570.376	570.488	570.545	570.545	570.421	570.265	570.117	570.036	569.970	569.964	569.973	MAX
MIN	570.283	570.288	570.365	570.468	570.432	570.183	570.001	570.000	569.970	569.902	569.905	569.960	MIN

WATER LEVELS IN METRES

SUMMARY FOR THE YEAR 1988

MEAN, 570.194
MAXIMUM DAILY, 570.545E ON APR 30
MINIMUM DAILY, 569.902 ON OCT 23
MAXIMUM INSTANTANEOUS,
570.555 AT 17:36 CST ON MAY 5

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 25 50 N
LONG 104 36 17 W

A - MANUAL GAUGE

E - ESTIMATED

REGULATED

DRAINAGE AREA,
3 370 km²

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

WASKESIU LAKE AT WASKESIU LAKE - STATION NO. 05CA002

DAILY WATER LEVEL IN METRES FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	---	---	---	---	---	---	531.921	---	1
2	---	---	---	---	---	---	---	---	---	---	531.931	---	2
3	---	---	---	---	---	---	532.050	---	---	---	---	---	3
4	---	---	---	---	---	---	---	---	---	---	---	---	4
5	---	---	---	---	---	---	---	---	532.068	---	---	---	5
6	---	---	---	---	---	---	---	---	---	531.974	---	---	6
7	---	---	---	---	---	---	---	---	---	---	---	---	7
8	---	---	---	---	---	532.082	---	---	---	---	531.923	---	8
9	---	---	---	---	---	---	---	---	---	---	---	---	9
10	---	---	---	---	---	---	---	---	---	531.969	---	---	10
11	---	---	---	---	---	532.085	532.036	---	532.033	---	---	---	11
12	---	---	---	---	---	---	---	---	---	---	---	---	12
13	---	---	---	---	---	---	---	---	532.023	---	---	---	13
14	---	---	---	---	---	---	---	---	---	531.987	---	---	14
15	---	---	---	---	---	---	---	532.024	---	---	---	---	15
16	---	---	---	---	---	532.060	532.058	---	---	---	---	---	16
17	---	---	---	---	---	---	---	---	---	---	---	---	17
18	---	---	---	---	---	---	---	532.017	---	---	---	---	18
19	---	---	---	---	---	---	532.073	---	---	---	---	---	19
20	---	---	---	---	---	532.059	532.066	---	---	---	---	---	20
21	---	---	---	---	---	---	---	---	---	531.956	---	---	21
22	---	---	---	---	---	---	---	---	---	---	---	---	22
23	---	---	---	---	---	---	---	---	---	---	---	---	23
24	---	---	---	---	---	---	---	---	---	---	---	---	24
25	---	---	---	---	---	532.057	---	532.088	---	531.931	---	---	25
26	---	---	---	---	---	---	532.053	---	---	---	---	---	26
27	---	---	---	---	---	---	---	---	---	---	---	---	27
28	---	---	---	---	---	532.046	---	---	---	---	---	---	28
29	---	---	---	---	---	---	---	532.076	531.986	---	---	---	29
30	---		---	---	---	---	532.035	---	---	---	---	---	30
31	---		---		---		---	---		---		---	31
MEAN	---	---	---	---	---	---	---	---	---	---	---	---	MEAN
MAX	---	---	---	---	---	---	---	---	---	---	---	---	MAX
MIN	---	---	---	---	---	---	---	---	---	---	---	---	MIN

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - MANUAL
LOCATION - LAT 53 55 25 N
LONG 106 05 06 W

REGULATED SINCE 1936

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

WATERBURY LAKE AT CREW CABIN - STATION NO. 07LB001

DAILY WATER LEVEL IN METRES FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	---	---	---	---	---	---	---	---	1
2	---	---	---	---	---	---	---	---	---	---	---	---	2
3	---	---	---	---	---	---	---	---	---	---	---	---	3
4	---	---	---	---	---	---	---	---	---	---	---	---	4
5	---	---	---	---	---	---	---	---	---	---	---	---	5
6	29.023	---	---	---	---	---	---	---	---	---	---	---	6
7	---	---	---	---	---	---	---	---	---	---	---	---	7
8	---	---	---	---	---	29.285	---	---	---	---	---	---	8
9	---	---	---	---	---	---	---	---	---	---	---	---	9
10	---	---	---	---	---	---	---	---	---	---	---	---	10
11	---	---	---	---	---	---	---	---	---	---	---	---	11
12	---	---	---	---	---	---	---	---	---	---	---	---	12
13	---	---	---	---	---	---	---	---	---	---	---	---	13
14	---	---	---	---	---	---	---	---	---	---	---	---	14
15	---	---	---	---	---	---	---	---	---	---	---	---	15
16	---	---	---	---	---	---	---	---	---	---	---	---	16
17	---	---	---	---	---	---	---	---	---	---	---	---	17
18	---	---	---	---	---	---	---	---	---	---	---	---	18
19	---	---	---	---	---	---	---	---	---	---	---	---	19
20	---	---	---	---	---	---	29.439	---	---	---	---	---	20
21	---	---	---	---	---	---	---	---	---	---	---	---	21
22	---	---	---	---	---	---	---	---	---	---	---	---	22
23	---	---	---	---	---	---	---	---	---	---	---	---	23
24	---	---	---	---	---	---	---	---	---	---	---	---	24
25	---	---	---	---	---	---	---	---	---	---	---	---	25
26	---	---	---	---	---	---	---	---	---	---	---	---	26
27	---	---	---	---	---	---	---	---	---	---	---	---	27
28	---	---	---	---	---	---	---	---	29.288	---	---	---	28
29	---		---	---	---	---	---	---	---	---	---	---	29
30	---		---	---	---	---	---	---	---	---	---	---	30
31	---		---		---		---	---		---		---	31
MEAN	---	---	---	---	---	---	---	---	---	---	---	---	MEAN
MAX	---	---	---	---	---	---	---	---	---	---	---	---	MAX
MIN	---	---	---	---	---	---	---	---	---	---	---	---	MIN

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - MANUAL
LOCATION - LAT 58 12 00 N
LONG 104 13 00 W

NATURAL FLOW

WATER LEVELS ARE REFERRED TO ASSUMED DATUM

WATERFOUND RIVER BELOW THERIAU LAKE - STATION NO. 07LB002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	13.8	13.7	14.1	14.2	15.4	20.3	24.6	28.8	28.0	25.4	22.2E	22.2A	1
2	13.7	13.7	14.0	14.2	15.5	20.5	24.6	28.8	27.6	25.2	22.2E	22.2A	2
3	13.7	13.7	14.0	14.2	15.6	20.7	24.4	28.4	27.6	25.5	22.1E	22.2A	3
4	13.8	13.8	14.0	14.4	15.7	21.0	24.6	28.3	27.6	25.4	22.1E	22.3A	4
5	13.8	13.8	14.1	14.6	16.0	21.1	24.7	27.9	27.3	25.2	22.1E	22.3A	5
6	13.7	13.7	14.1	14.7	16.2	21.2	25.1	27.5	27.2	24.9	22.0E	22.3A	6
7	13.7	13.7	14.1	14.8	16.5	21.4	25.9	27.2	26.9	24.7	22.2E	22.2A	7
8	13.8	13.7	14.2	14.8	16.9	21.6	27.1	27.1	27.7	24.4	22.2E	22.2A	8
9	13.7	13.6	14.2	14.7	17.2	21.6	27.7	27.1	28.1	24.0	22.2E	22.1A	9
10	13.7	13.6	14.2	14.8	17.3	21.4	28.1	28.0	28.2	24.1	22.2E	22.3A	10
11	13.6	13.6	14.2	14.8	17.4	21.7	28.0	28.8	28.3	24.0	22.2A	22.0A	11
12	13.6	13.7	14.3	14.9	17.5	21.8	28.5	28.6	28.2	23.8	22.2A	22.1A	12
13	13.5	13.7	14.2	15.1	17.6	21.9	28.6	28.5	28.1	23.6	22.2A	22.1A	13
14	13.4	13.6	14.3	15.1	17.8	22.2	28.6	28.7	28.7	23.7	22.3A	22.2A	14
15	13.5	13.6	14.3	15.1	17.8	22.5	28.9	28.9	28.7	23.9	22.3A	22.2A	15
16	13.6	13.8	14.2	15.2	17.9	22.6	28.9	28.9	28.4	23.8	22.2A	22.3A	16
17	13.7	14.0	14.1	15.2	18.1	22.9	28.9	28.8	27.0	23.6	22.2A	22.6A	17
18	13.8	13.8	14.2	15.2	18.2	23.2	28.7	28.8	27.2	23.6	22.2A	22.8A	18
19	13.8	13.8	14.0	15.1	18.5	23.4	28.7	28.5	26.4	23.5	22.3A	23.3A	19
20	13.8	13.9	14.0	15.1	18.7	23.3	28.5	28.0	26.1	23.3	22.2A	23.1A	20
21	14.1	14.0	14.1	15.1	19.0	23.4	28.6	27.9	26.0	23.2	22.1A	22.9A	21
22	13.9	13.9	14.4	15.1	19.1	23.5	28.7	29.0	25.8	22.3A	22.2A	22.9A	22
23	14.0	14.0	14.5	15.0	19.1	23.5	28.7	29.2	25.5	22.3A	22.3A	22.9A	23
24	13.9	14.0	14.4	14.9	19.2	23.9	28.8	29.1	25.1	22.2A	22.4A	22.7A	24
25	14.0	14.1	14.4	15.0	19.3	24.2	28.6	29.2	25.0	22.1A	22.2A	22.6A	25
26	14.0	14.0	14.3	15.0	19.3	24.4	28.5	28.5	24.9	22.2A	22.3A	22.5A	26
27	14.0	14.1	14.3	15.0	19.4	24.7	28.4	28.5	25.0	22.1E	22.3A	22.3A	27
28	14.0	14.0	14.2	15.2	19.6	24.8	28.2	28.5	25.0	22.2A	22.3A	22.3E	28
29	13.9	14.0	14.3	15.2	19.8	24.7	28.1	28.5	25.1	22.2E	22.3A	22.3A	29
30	13.8		14.2	15.2	19.8	24.7	28.0	28.6	25.2	22.2A	22.3A	22.3E	30
31	13.8		14.2		20.1		28.4	28.4		22.2E		22.3E	31
TOTAL	426.7	400.3	440.1	446.5	555.6	677.0	856.3	881.6	807.0	732.0	666.4	695.0	TOTAL
MEAN	13.8	13.8	14.2	14.9	17.9	22.6	27.6	28.4	26.9	23.6	22.2	22.4	MEAN
MAX	14.1	14.1	14.5	15.2	20.1	24.7	28.9	29.2	28.7	25.5	22.4	23.3	MAX
MIN	13.4	13.5	14.0	14.2	15.4	20.3	24.4	27.1	24.9	22.1	22.0	22.0	MIN

SUMMARY FOR THE YEAR 1988

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 20.7
MAXIMUM DAILY, 29.2 ON AUG 23
MINIMUM DAILY, 13.4 ON JAN 14
MAXIMUM INSTANTANEOUS,
29.5 AT 16:52 CST ON AUG 24

TYPE OF GAUGE - RECORDING
LOCATION - LAT 58 23 10 N
LONG 104 38 30 W
DRAINAGE AREA, 3 180 km^2
A - MANUAL GAUGE

E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN 36 900	JUL 74 000
FEB 34 600	AUG 76 200
MAR 38 000	SEP 69 700
APR 38 600	OCT 63 200
MAY 48 000	NOV 57 600
JUN 58 500	DEC 60 000

TOTAL DISCHARGE, 655 000 dam^3

WATERHEN LAKE NEAR DORINTOSH - STATION NO. 06AF007

DAILY WATER LEVEL IN METRES FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	---	472.511	472.634	473.171	473.510	473.507	473.378	---	1
2	---	---	---	---	---	---	472.634	473.173	473.570E	---	473.373	---	2
3	---	---	---	---	---	---	472.640	473.175	---	473.508	473.388	---	3
4	---	---	---	---	---	472.511	472.944	473.183	473.600E	473.502	473.384	---	4
5	---	---	---	---	---	---	---	473.203	473.620E	473.498	473.382	---	5
6	---	---	---	---	---	---	472.702	---	473.570E	473.486	473.380	---	6
7	---	---	---	---	---	---	---	473.251	473.530E	473.483	473.354	---	7
8	---	---	---	---	---	---	---	473.261	473.506	473.480	473.351	---	8
9	---	---	---	---	---	472.521	---	473.268	473.517	---	473.349	---	9
10	---	---	---	---	---	472.533	---	473.265	---	473.483	---	---	10
11	---	---	---	---	472.518	472.533	472.620	473.271	473.[illegible]	473.483	---	---	11
12	---	---	---	---	---	472.533	---	---	473.528	473.479	---	---	12
13	---	---	---	---	---	472.536	472.894	---	473.580	473.476	---	---	13
14	---	---	---	---	---	---	472.920	---	473.581	473.471	---	---	14
15	---	---	---	---	---	472.549	472.954	---	473.531	473.467	---	---	15
16	---	---	---	---	---	472.557	472.988	473.312	---	473.462	---	---	16
17	---	---	---	---	---	472.559	---	---	---	473.457	---	---	17
18	---	---	---	---	---	472.585	473.018	---	473.528	473.453	---	---	18
19	---	---	---	---	---	---	---	---	473.529	473.449	---	---	19
20	---	---	---	---	472.520	472.585	473.062	---	473.530	473.445	---	---	20
21	---	---	---	---	472.520	472.565	473.070	---	473.530	473.435	---	---	21
22	---	---	---	---	472.518	---	473.072	473.362	473.526	473.426	---	---	22
23	---	---	---	---	---	---	473.072	---	473.527	473.422	---	---	23
24	---	---	---	---	---	472.589	473.074	473.408	473.517	473.417	---	---	24
25	---	---	---	---	472.500	472.599	473.120	473.409	---	473.408	---	---	25
26	---	---	---	---	472.500	472.588	473.132	473.428	---	---	---	---	26
27	---	---	---	---	472.491	472.589	473.142	473.448	---	---	---	---	27
28	---	---	---	---	472.499	---	473.070	473.467	---	---	---	---	28
29	---	---	---	---	---	---	473.154	473.480	---	---	---	---	29
30	---		---	---	---	472.574	---	---	---	---	---	---	30
31	---		---		472.513		473.165	473.501		---		---	31
MEAN	---	---	---	---	---	---	---	---	---	---	---	---	MEAN
MAX	---	---	---	---	---	---	---	---	---	---	---	---	MAX
MIN	---	---	---	---	---	---	---	---	---	---	---	---	MIN

SUMMARY FOR THE YEAR 1988

WATER LEVELS IN METRES

MAXIMUM DAILY, 473.620E ON SEP 5
MINIMUM DAILY, 472.491 ON MAY 27

TYPE OF GAUGE - MANUAL
LOCATION - LAT 54 27 45 N
LONG 108 31 10 W
DATA CONTRIBUTED BY -
SASKATCHEWAN WATER CORPORATION

E - ESTIMATED

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

REMARKS - WATER LEVELS WERE OVER TOP THE GAUGE SEPTEMBER 2 TO 7 - WATER LEVELS ESTIMATED FOR THIS PERIOD

WATERHEN RIVER NEAR GOODSOIL - STATION NO. 06AF005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	6.03B	4.12B	5.41	5.88	6.10	6.35	7.58	14.5	23.8	25.6	22.2	18.0	1
2	5.90B	4.10B	5.38	5.76	6.01	6.61	7.40	14.6	23.9	25.3	22.5	18.0	2
3	5.98B	4.01B	5.30	5.68	5.97	6.29	7.68	14.7	24.1	25.1	21.9	17.8	3
4	5.58B	4.00B	5.25	6.03	5.82	6.40	7.71	14.8	24.1	24.9	21.8	17.7	4
5	4.66B	3.96B	5.29	6.01	5.49	6.42	7.77	15.1	24.3	24.9	21.8	17.8	5
6	4.28B	4.00B	5.24	5.83	5.75	6.45	8.75	15.4	24.6	24.8	21.6	17.8	6
7	4.23B	4.06B	5.31	5.85	5.95	6.55	8.48	16.1	25.5	24.7	22.3	17.5	7
8	4.12B	4.17B	5.27	6.22	5.91	6.32	9.27	16.0	25.8	24.8	21.9	17.1	8
9	4.09B	4.11B	5.23	6.14	5.82	6.61	8.84	16.3	26.2	24.6	21.4	17.0	9
10	4.07B	4.07B	5.38	5.98	5.83	6.44	8.89	16.4	26.0	24.5	20.9	16.9	10
11	4.02B	4.17B	5.22	6.17	5.74	6.87	8.78	16.3	26.2	24.4	21.0	17.0	11
12	3.94B	4.54B	5.18	6.05	5.85	7.04	8.81	16.6	25.5	24.3	20.7	17.1	12
13	3.86B	4.85B	5.11	5.84	5.72	6.59	10.3	16.5	25.4	24.3	20.7	16.9	13
14	3.90B	4.83B	5.15	5.76	6.12	6.56	10.4	16.9	25.5	24.3	20.4	16.7	14
15	3.95B	4.87B	5.10	5.86	6.26	6.43	11.2	16.9	25.6	24.4	20.3	16.6	15
16	4.12B	4.88B	5.22	6.04	5.84	6.41	11.5	16.5	25.9	24.1	20.1	16.5	16
17	4.07B	4.82B	5.17	5.92	6.34	6.38	11.6	16.5	26.0	24.2	19.8	16.4	17
18	4.14B	4.78B	5.13	5.89	6.35	6.57	12.0	16.8	26.0	24.0	19.6	16.3	18
19	4.18B	4.90B	5.04	5.81	6.29	6.75	12.2	18.0	25.6	23.6	19.5	16.2	19
20	4.10B	5.08B	5.06	5.83	6.27	6.42	12.4	18.0	26.[illegible]	23.9	19.5	16.1	20
21	4.33B	4.86B	5.24	5.81	6.26	6.45	12.5	19.1	26.1	23.4	19.1	15.9	21
22	4.18B	5.22B	5.19	5.74	6.00	6.10	12.9	21.1	26.3	24.3	19.0	15.9	22
23	4.31B	5.46B	5.14	5.82	5.30	6.14	13.6	21.5	26.1	23.1	19.1	15.8	23
24	4.18B	5.35	5.48	5.68	6.22	6.51	13.2	22.0	26.1	23.0	19.1	15.7	24
25	4.14B	5.52	5.39	5.85	6.11	6.29	13.5	22.3	26.0	22.8	18.8	15.5	25
26	4.22B	5.47	5.14	5.85	6.19	6.02	13.6	22.7	25.9	22.9	18.7	15.4	26
27	4.07B	5.55	5.37	5.83	5.78	6.27	13.8	22.8	25.7	23.2	18.3	15.4	27
28	4.11B	5.47	5.80	5.86	5.93	5.75	14.0	22.9	25.8	2[illegible]	18.3	15.3	28
29	4.12B	5.46	5.76	5.82	5.49	6.27	14.0	23.0	25.8	22.7	18.2	15.[illegible]	29
30	4.17B		5.73	6.07	5.76	7.60	14.5	23.6	26.0	22.6	18.1	15.0B	30
31	4.20B		5.71		6.55		14.8	23.9		22.7		15.0B	31
TOTAL	135.12	136.30	164.43	177.46	185.17	193.83	343.12	557.9	762.1	744.8	606.5	511.1	TOTAL
MEAN	4.36	4.70	5.30	5.92	5.97	6.46	11.1	18.3	25.4	24.0	20.2	16.5	MEAN
MAX	6.03	5.55	5.80	6.22	6.55	7.60	14.8	23.9	26.3	25.6	22.5	18.0	MAX
MIN	3.86	3.96	5.04	5.68	5.30	5.75	7.40	14.5	23.8	22.6	18.1	15.0	MIN

SUMMARY FOR THE YEAR 1988

DISCHARGES IN CUBIC METRES PER SECOND

MEAN 12.4
MAXIMUM DAILY, 26.3 ON SEP 22
MINIMUM DAILY, 3.86B ON JAN 13
MAXIMUM INSTANTANEOUS,
27.0 AT 16:55 CST ON SEP 29

TYPE OF GAUGE - RECORDING
LOCATION - LAT 54 26 45 N
LONG 109 13 21 W
DRAINAGE AREA, 7 780 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	11 700	JUL	29 600
FEB	11 800	AUG	48 100
MAR	14 200	SEP	65 900
APR	15 300	OCT	64 400
MAY	16 000	NOV	52 400
JUN	16 700	DEC	44 200

TOTAL DISCHARGE, 391 000 dam³

WATHAMAN RIVER BELOW WATHAMAN LAKE - STATION NO. 06DC001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	15.6	13.5	12.0	11.6	17.8	76.7	72.3	74.8	64.4	58.9	49.5	49.9	1
2	15.6	13.3	12.0	11.7	21.3	75.3	72.2	74.4	64.6	58.1	49.7	49.8	2
3	15.3	13.3	12.0	11.7	24.4	75.7	73.0	73.9	63.4	57.3	49.8	49.7	3
4	15.2	13.1	11.9	11.9	27.6	74.9	73.2	73.4	63.1	56.2	49.8	49.5	4
5	15.0	13.0	11.9	12.2	30.8	74.7	73.5	71.9	63.2	57.0	49.8	49.4	5
6	14.8	12.9	11.8	12.1	33.8	73.1	74.5	70.8	62.7	56.3	49.9	49.1	6
7	14.7	12.9	11.8	12.1	36.4	75.1	75.5	69.7	60.9	56.3	50.8	48.8	7
8	14.6	12.7	11.8	12.3	38.6	76.4	76.0	70.2	62.8	55.6	50.9	47.8	8
9	14.6	12.6	11.7	12.4	41.9	76.6	75.9	68.8	59.2	53.8	50.8	47.1	9
10	14.5	12.6	12.0	12.5	44.7	75.7	78.4	68.6	58.7	55.2	50.9	46.8	10
11	14.3	12.5	12.0	12.4	47.2	72.6	78.3	68.2	56.4	55.1	50.5	46.8	11
12	14.1	12.3	12.0	12.4	49.0	73.8	79.0	68.0	57.1	55.5	50.6	46.7	12
13	14.1	12.2	12.0	12.3	51.4	75.3	77.3	67.4	56.2	54.2	50.8	46.5	13
14	14.0	12.2	12.0	12.3	52.9	75.5	78.8	66.0	57.2	53.5	50.6	46.2	14
15	13.9	12.2	11.9	12.4	55.7	76.8	77.9	64.8	57.1	52.8	50.8	45.7	15
16	13.9	12.3	11.9	12.1	58.3	77.2	79.2	63.2	56.3	52.7	51.0	45.8	16
17	13.9	12.3	11.9	12.1	60.4	75.8	80.1	63.2	56.6	52.7	50.8	45.5	17
18	13.9	12.3	11.8	12.1	63.2	75.3	79.7	62.4	57.5	52.1	50.7	45.4	18
19	13.9	12.3	11.7	12.0	65.0	75.6	79.3	61.2	57.3	52.1	50.5	45.3	19
20	13.9	12.2	11.7	12.0	67.1	75.8	80.2	60.0	57.9	50.6	50.9	45.2	20
21	13.8	12.3	11.7	11.6	68.2	73.8	80.7	59.0	58.3	51.9	50.5	44.8	21
22	13.7	12.4	11.6	11.6	69.2	74.1	79.0	58.7	57.3	51.0	50.7	44.7	22
23	13.6	12.4	11.6	11.6	71.3	74.0	79.2	60.0	57.6	50.9	50.7	44.3	23
24	13.6	12.3	11.5	11.6	72.3	74.5	78.9	59.3	57.7	51.2	51.6	44.0	24
25	13.6	12.2	11.6	12.0	71.8	74.4	76.7	59.4	57.7	51.1	51.2	43.7	25
26	13.6	12.1	11.7	12.0	72.2	74.4	76.6	57.0	57.1	51.1	51.1	43.3	26
27	13.6	12.1	11.6	12.2	73.1	74.2	77.5	56.7	57.9	50.8	50.6	42.8	27
28	13.5	11.9	11.6	12.6	74.8	74.6	76.5	57.8	58.1	50.3	50.2	42.7	28
29	13.5	11.9	11.5	13.0	73.9	74.1	75.2	57.6	58.4	50.2	50.1	42.2	29
30	13.5		11.5	14.8	74.6	73.2	75.6	57.0	57.1	49.7	49.7	41.7	30
31	13.4		11.6		75.3		76.0	56.9		49.7		41.3	31
TOTAL	439.6	362.3	365.5	366.6	1 686.4	2 244.8	2 391.6	2 000.8	1 682.3	1 651.8	1 514.2	1 421.6	TOTAL
MEAN	14.2	12.5	11.8	12.2	54.4	75.0	77.1	64.5	56.1	53.3	50.5	45.9	MEAN
MAX	15.6	13.5	12.0	14.8	75.3	77.2	80.7	74.8	64.6	58.9	51.6	49.9	MAX
MIN	13.4	11.9	11.5	11.6	17.8	72.6	72.2	56.7	50.9	49.7	49.5	41.3	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 44.1
MAXIMUM DAILY, 80.7 ON JUL 21
MINIMUM DAILY, 11.5 ON MAR 24
MAXIMUM INSTANTANEOUS,
81.8 AT 17:32 CST ON JUL 21

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 57 05 20 N
LONG 103 42 40 W
DRAINAGE AREA, 10 200 km^2

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	38 000	JUL	207 000
FEB	31 300	AUG	173 000
MAR	31 600	SEP	145 000
APR	31 700	OCT	143 000
MAY	146 000	NOV	131 000
JUN	194 000	DEC	123 000

TOTAL DISCHARGE, 1 390 000 dam^3

WEYBURN INDEX RESERVOIR - STATION NO. 05NB024

DAILY WATER LEVEL IN METRES FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	28.188E	28.328E	28.328E	28.280	28.152	27.858	27.648	27.382E	27.188E	27.050A	---	1
2	---	28.188E	28.328A	28.328E	28.285	28.142	27.845	27.649	27.371E	27.182E	---	---	2
3	---	28.188A	28.328E	28.328E	28.281	28.132	27.833	27.651	27.361E	27.176E	---	---	3
4	---	28.188E	28.328E	28.330E	28.288	28.121	27.829	27.641	27.351E	27.170E	---	---	4
5	---	28.188E	28.330E	28.330A	28.284	28.106	27.828	27.631	27.341E	27.164E	---	---	5
6	---	28.188E	28.332E	28.330	28.281	28.081	27.859	27.619	27.330E	27.158A	---	---	6
7	---	28.188E	28.334E	28.339	28.283	28.077	27.852	27.603	27.320E	27.154E	---	---	7
8	---	28.188E	28.336E	28.342	28.278	28.064	27.842	27.593	27.310A	27.150E	---	---	8
9	---	28.188E	28.336E	28.346	28.273	28.062	27.830	27.583	27.297	27.146E	---	---	9
10	---	28.188E	28.336E	28.343	28.271	28.052	27.819	27.574	27.288	27.141E	---	---	10
11	---	28.188E	28.336E	28.339	28.275	28.038	27.808	27.563	27.308	27.137E	---	---	11
12	---	28.188E	28.336E	28.336	28.288	28.025	27.822	27.554	27.310	27.133E	---	---	12
13	---	28.188E	28.336E	28.332	28.284	28.013	27.867	27.544	27.305	27.129E	---	---	13
14	---	28.188E	28.336E	28.328	28.283	28.018	27.858	27.536	27.299	27.125E	---	---	14
15	---	28.188E	28.336E	28.328	28.282	28.017	27.847	27.524	27.291	27.121E	---	---	15
16	---	28.214E	28.336E	28.322	28.258	28.008	27.835	27.511	27.285	27.116E	---	---	16
17	---	28.242E	28.336E	28.317	28.250	28.000	27.823	27.502	27.280	27.112E	---	---	17
18	---	28.270E	28.336E	28.314	28.248	27.989	27.814	27.497	27.270	27.108E	---	---	18
19	---	28.298E	28.336E	28.310	28.245	27.975	27.804	27.501	27.261	27.104E	---	---	19
20	---	28.326E	28.336E	28.306	28.240	27.966	27.799	27.493	27.253	27.100E	---	---	20
21	---	28.326E	28.336E	28.305	28.236	27.954	27.787	27.494	27.248	27.096E	---	---	21
22	---	28.326E	28.336A	28.300	28.230	27.941	27.774	27.484	27.243	27.092E	---	---	22
23	---	28.326E	28.337E	28.298	28.222	27.928	27.758	27.472	27.237E	27.087E	---	---	23
24	---	28.326E	28.336E	28.294	28.211	27.918	27.744	27.461	27.231E	27.083E	---	---	24
25	---	28.326E	28.335E	28.291	28.201	27.904	27.731	27.450	27.226E	27.079E	---	---	25
26	---	28.326E	28.333E	28.288	28.195	27.888	27.718	27.441	27.219E	27.075E	---	---	26
27	---	28.326E	28.332E	28.285	28.183	27.877	27.705	27.432	27.213E	27.071E	---	---	27
28	---	28.326E	28.330E	28.282	28.181	27.865	27.699	27.422	27.207E	27.067E	---	---	28
29	---	28.326E	28.329E	28.277	28.181	27.852	27.684	27.411	27.201E	27.062E	---	---	29
30	---		28.328A	28.275	28.170	27.861	27.659	27.402A	27.194E	27.058E	---	---	30
31	---		28.328E		28.159		27.655	27.392E		27.054E		---	31
MEAN	---	28.244	28.334	28.315	28.244	28.001	27.783	27.526	27.281	27.117	---	---	MEAN
MAX	---	28.326	28.338	28.346	28.291	28.152	27.867	27.651	27.382	27.188	---	---	MAX
MIN	---	28.188	28.328	28.275	28.159	27.852	27.655	27.392	27.194	27.054	---	---	MIN

WATER LEVELS IN METRES

MAXIMUM DAILY, 28.346 ON APR 9
MINIMUM DAILY, 27.050A ON NOV 1
MAXIMUM INSTANTANEOUS,
28.348 AT 14:17 CST ON APR 8

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 33 42 N
LONG 103 40 28 W

A - MANUAL GAUGE

E - ESTIMATED

REGULATED

WATER LEVELS ARE REFERRED TO ASSUMED DATUM

WHEELER RIVER BELOW RUSSELL LAKE - STATION NO. 06DA005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	10.8B	11.2B	11.5B	13.0	16.2	20.6	21.8	18.5	15.6	16.5	14.8B	15.4B	1
2	10.6B	11.3B	11.6B	13.4	16.7	20.9	21.6	17.9	15.3	16.0	14.8B	15.3B	2
3	11.1B	11.4B	12.0B	13.0	17.3	21.5	21.4	18.1	15.1	15.4	14.7B	14.8B	3
4	11.0B	10.9B	11.8B	12.7	17.8	21.0	21.0	18.0	14.6	15.8	15.0B	14.7B	4
5	10.5B	11.1B	12.1B	12.7	18.1	20.5	21.0	18.3	14.5	15.8	14.8B	14.8B	5
6	10.5B	11.0B	11.7B	12.8	18.4	21.0	20.7	17.3	14.8	15.4	14.8B	14.8B	6
7	10.8B	10.9B	11.6B	12.8	18.0	21.1	21.2	16.8	14.8	15.1	15.2B	14.8B	7
8	10.7B	10.9B	12.2B	12.1	18.4	22.0	22.5	17.1	15.5	15.3	15.1B	15.2B	8
9	10.7B	11.4B	12.2B	12.5	18.6	23.1	21.6	17.0	15.6	15.5	15.0B	15.2B	9
10	11.0B	11.0B	12.0B	12.5	18.8	24.4	21.4	16.9	15.2	15.4	15.0B	14.8B	10
11	11.4B	11.0B	12.0B	13.3	20.0	22.9	21.5	16.7	15.7	14.8	15.6B	14.8B	11
12	11.2B	11.2B	12.0B	13.4	20.0	21.0	21.2	16.8	16.0	14.8	15.3B	14.8B	12
13	11.4B	11.2B	11.9B	13.3	20.0	22.4	19.5	17.0	16.4	14.9	15.3B	14.7B	13
14	11.2B	11.6B	11.9B	13.4	19.8	23.2	19.2	16.9	16.1	14.7	15.4B	14.8B	14
15	11.3B	11.4B	12.0B	13.3	19.5	23.5	20.3	16.6	15.6	15.5	15.2B	14.7B	15
16	11.2B	11.3B	12.0B	13.5	20.1	23.9	20.8	16.0	15.5	15.6	15.2B	14.7B	16
17	11.0B	11.3B	11.8B	13.5	20.0	24.0	21.0	15.5	15.5	15.3	15.3B	14.6B	17
18	10.9B	11.2B	12.2B	13.6	20.5	23.8	20.6	15.5	15.6	15.4	15.2B	14.4B	18
19	10.8B	11.2B	12.4B	13.6	20.7	24.4	20.2	16.0	15.5	15.3	14.7B	14.3B	19
20	10.8B	11.2B	12.3B	13.6	20.6	24.5	19.9	14.7	15.4	15.1	14.8B	14.6B	20
21	11.0B	11.3B	12.5B	13.6	20.5	23.3	19.9	14.5	15.7	15.0B	15.2B	14.6B	21
22	11.0B	11.6B	13.0	13.6	20.4	22.2	20.1	15.3	15.9	15.0B	15.2B	14.8B	22
23	11.0B	11.4B	13.0	13.6	19.2	22.1	20.4	16.1	16.0	14.8B	15.2B	14.6B	23
24	11.1B	11.4B	12.9	13.5	19.1	22.5	20.0	16.8	16.3	15.0B	15.4B	14.6B	24
25	11.2B	11.2B	12.2	13.7	18.9	23.1	19.2	16.4	16.3	15.1B	15.3B	14.8B	25
26	11.2B	11.4B	13.2	13.8	18.7	22.9	19.3	16.0	15.7	14.8B	15.2B	14.8B	26
27	11.2B	11.3B	12.9	14.0	18.1	22.3	19.6	15.2	15.5	14.8B	15.5B	14.7B	27
28	11.0B	11.2B	12.6	14.1	18.7	21.4	19.1	16.0	15.7	14.8B	15.5B	15.0B	28
29	11.1B	11.6B	12.6	14.1	18.2	21.6	18.5	15.2	16.2	14.8B	15.2B	14.8B	29
30	11.1B		12.9	14.8	18.1	21.9	18.1	14.8	17.0	14.7B	14.9B	14.8B	30
31	11.1B		12.8		18.1		18.8	15.0		14.8B		14.8B	31
TOTAL	340.8	326.0	380.7	402.8	597.2	673.0	632.1	507.2	472.3	471.6	454.3	457.8	TOTAL
MEAN	11.0	11.2	12.3	13.4	19.3	22.4	20.4	16.4	15.7	15.2	15.1	14.8	MEAN
MAX	11.4	11.6	13.2	14.8	20.7	24.5	22.5	18.5	17.0	16.5	15.6	15.4	MAX
MIN	10.5	10.9	11.5	12.1	16.2	20.5	18.1	14.5	14.5	14.6	14.7	14.3	MIN

SUMMARY FOR THE YEAR 1988

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 15.8
MAXIMUM DAILY, 24.5 ON JUN 20
MINIMUM DAILY, 10.5B ON JAN 5
MAXIMUM INSTANTANEOUS,
24.8 AT 21:03 CST ON JUN 19

TYPE OF GAUGE - RECORDING
LOCATION - LAT 57 28 40 N
LONG 104 59 50 W
DRAINAGE AREA, 2 030 km^2

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN 29 400	JUL 54 600
FEB 28 200	AUG 43 800
MAR 32 900	SEP 40 800
APR 34 800	OCT 40 700
MAY 51 600	NOV 39 300
JUN 58 100	DEC 39 600

TOTAL DISCHARGE, 494 000 dam^3

WHITE BEAR (CARLYLE) LAKE NEAR CARLYLE - STATION NO. 05ND005

DAILY WATER LEVEL IN METRES FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	730.486	---	---	730.542	---	---	---	---	---	---	1
2	---	---	---	---	---	---	---	---	---	---	---	---	2
3	---	---	---	---	730.643	---	---	---	---	---	---	---	3
4	---	---	---	---	---	---	---	730.286	---	---	---	---	4
5	---	---	---	---	---	---	---	---	---	730.068	---	---	5
6	---	---	---	---	---	---	---	---	---	---	---	---	6
7	---	---	---	730.620	---	---	---	---	---	---	---	---	7
8	---	---	---	---	---	---	---	---	---	---	---	---	8
9	---	---	---	---	---	---	---	---	---	---	---	---	9
10	---	---	---	---	---	---	---	---	730.110	---	---	---	10
11	---	---	---	---	---	---	---	---	---	---	---	---	11
12	---	---	---	---	---	---	---	---	---	---	---	---	12
13	---	---	---	---	---	---	---	---	---	---	---	---	13
14	---	---	---	---	---	---	---	---	---	---	---	---	14
15	---	---	---	---	---	---	---	---	---	---	---	---	15
16	---	---	---	---	---	---	---	---	---	---	---	---	16
17	---	---	---	---	---	---	---	---	---	---	---	---	17
18	---	---	---	---	---	---	---	---	---	---	---	---	18
19	---	---	---	---	---	---	---	---	---	---	---	---	19
20	---	---	---	---	---	---	---	---	---	---	---	---	20
21	---	---	---	---	---	---	---	---	---	---	---	---	21
22	---	---	---	---	---	---	---	---	---	---	---	---	22
23	---	---	---	---	---	---	---	---	---	---	---	---	23
24	---	---	---	---	---	---	---	---	---	---	---	---	24
25	---	---	---	---	---	---	---	---	---	---	---	---	25
26	---	---	---	---	---	---	---	---	---	---	---	---	26
27	---	---	---	---	---	---	---	---	---	---	---	---	27
28	---	---	---	---	---	730.424	---	---	---	---	---	---	28
29	---	---	---	---	---	---	---	---	---	---	---	---	29
30	---		---	730.640E	---	730.418E	---	---	730.077E	---	---	---	30
31	---		730.516E		730.642E		730.201E	730.184E		730.018		---	31
MEAN	---	---	---	---	---	---	---	---	---	---	---	---	MEAN
MAX	---	---	---	---	---	---	---	---	---	---	---	---	MAX
MIN	---	---	---	---	---	---	---	---	---	---	---	---	MIN

SUMMARY FOR THE YEAR 1988

WATER LEVELS IN METRES

MAXIMUM DAILY, 730.643 ON MAY 3

TYPE OF GAUGE - MANUAL
LOCATION - LAT 49 45 38 N
LONG 102 16 48 W

E - ESTIMATED

NATURAL FLOW

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

WHITE FOX RIVER NEAR GARRICK - STATION NO. 05KE005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0B	0 B	1.41	0.157	0.040	0	0	0	---	---	1
2	---	---	0B	0 B	1.25	0.200	0.031	0	0	0	---	---	2
3	---	---	0B	0 B	1.14	0.187	0.024	0	0	0	---	---	3
4	---	---	0B	0.001B	1.08	0.170	0.029	0	0	0	---	---	4
5	---	---	0B	0.010B	0.820	0.153	0.051	0	0	0	---	---	5
6	---	---	0B	0.068B	0.814	0.180	0.050	0	0	0	---	---	6
7	---	---	0B	5.00 B	0.764	0.133	0.017	0	0	0	---	---	7
8	---	---	0B	8.91 B	0.739	0.120	0.005	0	0	0	---	---	8
9	---	---	0B	9.42 B	0.668	0.104	0.002E	0	0	0	---	---	9
10	---	---	0B	12.7 B	0.600	0.088	0.003E	0	0	0	---	---	10
11	---	---	0B	15.5 B	0.537	0.077	0.003E	0	0	0	---	---	11
12	---	---	0B	16.6 B	0.541	0.058	0.001E	0	0	0	---	---	12
13	---	---	0B	16.1 B	0.481	0.046	0.016A	0	0	0	---	---	13
14	---	---	0B	15.5 B	0.488	0.028	0.028	0	0	0	---	---	14
15	---	---	0B	13.8 B	0.467	0.018	0.042	0	0	0	---	---	15
16	---	---	0B	10.2 B	0.438	0.017	0.029	0	0	0	---	---	16
17	---	---	0B	11.0 B	0.424	0.012	0.022	0	0	0	---	---	17
18	---	---	0B	13.4	0.428	0.009	0.019	0	0	0	---	---	18
19	---	---	0B	12.7	0.446	0.007	0.024	0	0	0	---	---	19
20	---	---	0B	10.8	0.448	0.002	0.028	0	0	0	---	---	20
21	---	---	0B	8.98	0.435	0.005	0.023	0	0	0	---	---	21
22	---	---	0B	7.80	0.382	0.010	0.016	0	0	0	---	---	22
23	---	---	0B	6.35	0.346	0.038	0.006E	0	0	0	---	---	23
24	---	---	0B	5.26	0.317	0.038	0.004E	0	0	0	---	---	24
25	---	---	0B	4.23	0.279	0.044	0.001E	0	0	0	---	---	25
26	---	---	0B	3.23	0.282	0.048	0.001E	0	0	0	---	---	26
27	---	---	0B	2.56	0.252	0.046	0	0	0	0	---	---	27
28	---	---	0B	2.12	0.257	0.052	0	0	0	0	---	---	28
29	---	---	0B	1.88	0.262	0.058	0	0	0	0	---	---	29
30	---		0B	1.82	0.248	0.052	0	0	0	0	---	---	30
31	---		0B		0.224		0	0		0		---	31
TOTAL	---	---	0	215.387	17.328	2.184	0.514	0	0	0	---	---	TOTAL
MEAN	---	---	0	7.18	0.559	0.073	0.017	0	0	0	---	---	MEAN
MAX	---	---	0	16.6	1.41	0.200	0.051	0	0	0	---	---	MAX
MIN	---	---	0	0	0.224	0.002	0	0	0	0	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.861
MAXIMUM DAILY, 16.6B ON APR 12
MINIMUM DAILY, 0B ON MAR 1
MAXIMUM INSTANTANEOUS,
19.0B AT 18:55 CST ON APR 12

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 53 25 20 N
LONG 104 20 30 W
DRAINAGE AREA, 1 870 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	44.4
FEB	---	AUG	0
MAR	0	SEP	0
APR	18 600	OCT	0
MAY	1 500	NOV	---
JUN	190	DEC	---

TOTAL DISCHARGE, 20 300 dam³

WHITESAND RIVER NEAR CANORA - STATION NO. 05MB003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	0.025B	2.18 B	0.245B	7.94	5.18	0.013	0.001	0.001	0	---	---	1
2	---	0.035B	2.35 B	1.75 B	8.38	4.84	0.010	0.001	0.001	0	---	---	2
3	---	0.045B	1.40 B	3.28 B	11.0	4.65	0.008	0.001	0.001	0	---	---	3
4	---	0.060B	0.433B	6.16 B	11.6	4.37	0.006	0.001	0.001	0	---	---	4
5	---	0.075B	0.210B	8.50 B	12.1	4.01	0.007	0.001	0.001	0	---	---	5
6	---	0.100B	0.185B	10.1 B	11.7	3.73	0.008	0.001	0.001	0	---	---	6
7	---	0.121B	0.177B	13.2 B	11.0	3.44	0.008	0.001	0.001	0	---	---	7
8	---	0.180B	0.181B	16.5 B	10.6	3.39	0.005	0.001	0.001	0	---	---	8
9	---	0.221B	0.226B	16.4 B	10.1	3.27	0.005	0.001	0	0	---	---	9
10	---	0.235B	0.272B	13.7 B	9.17	3.14	0.005	0.001	0	0	---	---	10
11	---	0.288B	0.184B	16.3 B	8.81	3.25	0.004	0.001	0	0	---	---	11
12	---	0.297B	0.220B	16.6 B	8.57	3.05	0.004	0.001	0	0	---	---	12
13	---	0.275B	0.201B	15.4 B	8.72	2.87	0.003	0.001	0	0	---	---	13
14	---	0.242B	0.128B	13.6 B	8.53	2.57	0.003	0.001	0	0	---	---	14
15	---	0.687B	0.110B	13.7	8.68	2.60	0.003	0.001	0	0	---	---	15
16	---	0.600B	0.084B	12.1	8.87	2.80	0.002	0.001	0	0	---	---	16
17	---	0.557B	0.078B	11.2	8.75	2.41	0.002	0.001	0	0	---	---	17
18	---	0.420B	0.083B	10.2	8.38	0.808	0.002	0.001	0	0	---	---	18
19	---	0.457B	0.147B	9.66	8.11	0.078	0.002	0.001	0	0	---	---	19
20	---	0.475B	0.388B	9.41	7.82	0.048	0.002	0.001	0	0	---	---	20
21	---	0.518B	1.14 B	9.08	7.75	0.044	0.001	0.001	0	0	---	---	21
22	---	0.346B	1.50 B	8.85	7.58	0.043	0.001	0.001	0	0	---	---	22
23	---	1.19 B	1.66 B	8.89	7.25	0.038	0.001	0.001	0	0	---	---	23
24	---	1.41 B	1.87 B	8.41	6.96	0.028	0.001	0.001	0	0	---	---	24
25	---	0.664B	1.02 B	8.20	6.89	0.023	0.001	0.001	0	0	---	---	25
26	---	0.212B	0.545B	8.11	6.67	0.018	0.001	0.001	0	0	---	---	26
27	---	0.488B	0.257B	7.81	6.48	0.018	0.001	0.001	0	0	---	---	27
28	---	1.06 B	0.151B	7.58	6.33	0.022	0.001	0.001	0	0	---	---	28
29	---	1.85 B	0.116B	7.18	6.03	0.037	0.001	0.001	0	0	---	---	29
30	---		0.288B	6.68	5.62	0.018	0.001	0.001	0	0	---	---	30
31	---		0.247B		5.52		0.001	0.001		0		---	31
TOTAL	---	13.006	17.785	288.845	262.78	60.874	0.111	0.031	0.008	0	---	---	TOTAL
MEAN	---	0.448	0.574	9.63	8.48	2.03	0.004	0.001	0	0	---	---	MEAN
MAX	---	1.85	2.35	16.6	12.1	5.18	0.013	0.001	0.001	0	---	---	MAX
MIN	---	0.025	0.078	0.245	5.52	0.018	0.001	0.001	0	0	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 2.35
MAXIMUM DAILY, 16.6B ON APR 12
MINIMUM DAILY, 0 ON SEP 9
MAXIMUM INSTANTANEOUS,
17.4B AT 20:13 CST ON APR 12

SUMMARY FOR THE MONTHS FEB TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 51 38 11 N
LONG 102 22 11 W
DRAINAGE AREA, 9 740 km²

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	9.59
FEB	1 120	AUG	2.68
MAR	1 540	SEP	0.69
APR	25 000	OCT	0
MAY	22 700	NOV	---
JUN	5 270	DEC	---

TOTAL DISCHARGE, 55 600 dam³

WHITESAND RIVER NEAR SPRINGSIDE - STATION NO. 05MB006

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.001B	0.176B	2.36	0.615E	0	0	0.002	0	---	---	1
2	---	---	0.016B	1.13 B	2.56	0.590E	0	0	0.001	0	---	---	2
3	---	---	0.036B	1.45 B	2.70	0.560E	0	0	0	0	---	---	3
4	---	---	0.016B	1.77 B	2.61	0.560E	0	0	0	0	---	---	4
5	---	---	0.022B	3.79 B	2.63	0.530E	0	0	0	0	---	---	5
6	---	---	0.026B	5.02 B	2.63	0.520E	0.001	0	0	0	---	---	6
7	---	---	0.028B	3.62 B	2.50	0.490E	0	0	0	0	---	---	7
8	---	---	0.029B	4.77 B	1.42	0.470E	0	0	0	0	---	---	8
9	---	---	0.037B	5.80 B	1.95	0.450E	0	0	0	0	---	---	9
10	---	---	0.056B	6.26 B	2.11	0.430E	0	0	0	0	---	---	10
11	---	---	0.040B	6.06	2.16	0.410E	0	0	0	0	---	---	11
12	---	---	0.829B	5.83	2.18	0.390E	0	0	0	0	---	---	12
13	---	---	1.81 B	6.64	2.25	0.365E	0	0	0	0	---	---	13
14	---	---	1.43 B	6.63	2.01	0.330E	0	0	0	0	---	---	14
15	---	---	1.27 B	6.92	2.49	0.304E	0	0	0	0	---	---	15
16	---	---	1.13 B	6.99	2.37	0.264E	0	0	0	0	---	---	16
17	---	---	1.15 B	6.62	2.15	0.225E	0	0	0	0	---	---	17
18	---	---	0.469B	5.95	2.22	0.185E	0	0	0	0	---	---	18
19	---	---	0.094B	5.36	2.17	0.146E	0	0.080	0	0	---	---	19
20	---	---	0.069B	4.75	2.11	0.107E	0	0.366	0	0	---	---	20
21	---	---	0.081B	4.21	1.86	0.067E	0	0.481	0	0	---	---	21
22	---	---	0.066B	3.78	1.66	0.026E	0	0.385	0	0	---	---	22
23	---	---	0.109B	3.37	1.43	0.016E	0	0.381	0	0	---	---	23
24	---	---	0.262B	3.16	1.13	0.010E	0	0.376	0	0	---	---	24
25	---	---	0.184B	2.93	1.29	0.007E	0	0.367	0	0	---	---	25
26	---	---	0.082B	2.69	1.24	0.003E	0	0.252	0	0	---	---	26
27	---	---	0.082B	2.50	1.16	0.002E	0	0.063	0	0	---	---	27
28	---	---	0.057B	2.38	1.03	0.002E	0	0.018	0	0	---	---	28
29	---	---	0.054B	2.26	0.873	0.002E	0	0.009	0	0	---	---	29
30	---		0.053B	2.17	0.660A	0.002A	0	0.005	0	0	---	---	30
31	---		0.065B		0.645E		0	0.003		0		---	31
TOTAL	---	---	9.466	125.268	58.656	8.102	0.001	2.787	0.003	0	---	---	TOTAL
MEAN	---	---	0.305	4.17	1.89	0.270	0	0.090	0	0	---	---	MEAN
MAX	---	---	1.81	6.99	2.70	0.615	0.001	0.481	0.002	0	---	---	MAX
MIN	---	---	0.001	0.176	0.645	0.002	0	0	0	0	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.834
MAXIMUM DAILY, 6.99 ON APR 16
MINIMUM DAILY, 0 ON JUL 1
MAXIMUM INSTANTANEOUS,
7.02 AT 16:10 CST ON APR 16

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 51 23 50 N
LONG 102 44 12 W
DRAINAGE AREA, 2 660 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	0.09
FEB	---	AUG	242
MAR	818	SEP	0.26
APR	10 800	OCT	0
MAY	5 070	NOV	---
JUN	700	DEC	---

TOTAL DISCHARGE, 17 600 dam³

WILCOX MAIN DITCH NEAR WILCOX - STATION NO. 05JE006

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	0 B	0.002B	0.002B	0	0	0	0	0	0	0.008A	---	1
2	---	0 B	0.002B	0.002B	0	0	0	0	0	0	0.002E	---	2
3	---	0 B	0.001B	0.001	0	0	0	0	0	0	0 E	---	3
4	---	0 B	0.001B	0	0	0	0	0	0	0	0 E	---	4
5	---	0 B	0.002B	0	0	0	0	0	0	0	0 E	---	5
6	---	0 B	0.005B	0	0	0	0	0	0	0	0 E	---	6
7	---	0 B	0.004B	0	0	0	0	0	0	0	0 E	---	7
8	---	0 B	0.002B	0	0	0	0	0	0	0	0 E	---	8
9	---	0 B	0 B	0	0	0	0	0	0	0	0 E	---	9
10	---	0 B	0 B	0	0	0	0	0	0	0	0 E	---	10
11	---	0 B	0 B	0	0	0	0	0	0	0	0 B	---	11
12	---	0 B	0 B	0	0	0	0	0	0	0	0 B	---	12
13	---	0 B	0 B	0	0	0	0	0	0	0	0 B	---	13
14	---	0 B	0 B	0	0	0	0	0	0	0	0 B	---	14
15	---	0 B	0 B	0	0	0	0	0	0	0	0 B	---	15
16	---	0 B	0 B	0	0	0	0	0	0	0	0 B	---	16
17	---	0 B	0 B	0	0	0	0	0	0	0	0 B	---	17
18	---	0 B	0 B	0	0	0	0	0	0	0	0 B	---	18
19	---	0 B	0 B	0	0	0	0	0	0	0	0 B	---	19
20	---	0 B	0 B	0	0	0	0	0	0	0	0 B	---	20
21	---	0 B	0 B	0	0	0	0	0	0	0	0 B	---	21
22	---	0 B	0 B	0	0	0	0	0	0	0	0 B	---	22
23	---	0 B	0.016B	0	0	0	0	0	0	0	0 B	---	23
24	---	0 B	0.026B	0	0	0	0	0	0	0	0 B	---	24
25	---	0 B	0.011B	0	0	0	0	0	0	0	0 B	---	25
26	---	0 B	0.002B	0	0	0	0	0	0	0	0 B	---	26
27	---	0 B	0.002B	0	0	0	0	0	0	0	0 B	---	27
28	---	0 B	0.002B	0	0	0	0	0	0	0	0 B	---	28
29	---	0.002B	0.002B	0	0	0	0	0	0	0	0 B	---	29
30	---		0.002B	0	0	0	0	0	0	0.023	0 B	---	30
31	---		0.002B		0		0	0		0.024B		---	31
TOTAL	---	0.002	0.084	0.005	0	0	0	0	0	0.047	0.010	---	TOTAL
MEAN	---	0	0.003	0	0	0	0	0	0	0.002	0	---	MEAN
MAX	---	0.002	0.026	0.002	0	0	0	0	0	0.024	0.008	---	MAX
MIN	---	0	0	0	0	0	0	0	0	0	0	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0
MAXIMUM DAILY, 0.026B ON MAR 24
MINIMUM DAILY, 0B ON FEB 1
MAXIMUM INSTANTANEOUS,
0.057 AT 12:15 CST ON OCT 30

SUMMARY FOR THE MONTHS FEB TO NOV

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 03 41 N
LONG 104 46 53 W
DRAINAGE AREA, 270 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	0
FEB	0.17	AUG	0
MAR	7.26	SEP	0
APR	0.43	OCT	4.06
MAY	0	NOV	0.86
JUN	0	DEC	---

TOTAL DISCHARGE, 12.8 dam³

WILLIAM RIVER ABOVE CARSWELL RIVER - STATION NO. 07MA004

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	15.0B	12.1B	11.1B	11.8B	26.2B	33.6	18.6	33.2	25.1	30.2	24.6B	24.1B	1
2	15.1B	12.1B	11.1B	11.8B	27.0B	34.1	18.2	33.1	25.2	29.2	24.3B	23.6B	2
3	14.7B	12.1B	11.1B	12.3B	30.0B	34.0	18.1	32.7	25.0	28.4	24.3B	23.4B	3
4	14.5B	11.8B	11.2B	12.4B	33.0B	33.2	18.1	32.0	24.7	27.7	24.3B	23.6B	4
5	13.8B	12.1B	11.7B	12.1B	36.0B	32.5	17.9	31.3	24.1	27.8	24.3B	23.6B	5
6	13.5B	12.1B	11.6B	11.8B	38.0B	31.2	18.9	31.1	23.8	27.7	24.4B	23.4B	6
7	13.5B	12.1B	11.4B	12.0B	41.5B	30.1	21.0	28.6	23.6	27.2	24.4B	23.6B	7
8	13.1B	12.4B	11.4B	12.0B	46.9	29.3	23.6	28.1	23.9	26.6	24.4B	23.4B	8
9	13.4B	12.2B	11.2B	11.8B	47.0	29.1	27.0	28.6	26.1	26.3	24.4B	23.2B	9
10	14.3B	11.7B	11.4B	11.7B	48.0	28.4	28.2	28.7	26.2	26.0	24.4B	23.0B	10
11	14.1B	11.8B	11.5B	12.4B	48.5	28.0	28.7	28.6	28.7	25.6	24.5B	22.8B	11
12	13.1B	11.2B	11.9B	11.8B	49.5	27.7	28.7	27.9	30.5	25.4	24.5B	22.8B	12
13	12.6B	11.4B	11.5B	11.8B	50.2	26.6	28.3	27.4	30.6	25.1	24.5B	22.8B	13
14	12.3B	12.0B	11.5B	11.5B	49.5	27.0	27.7	27.4	30.6	25.1	24.5B	22.4B	14
15	11.6B	12.1B	11.5B	11.2B	50.0	27.3	27.6	26.6	30.7	24.8	24.6B	22.2B	15
16	11.5B	12.3B	11.8B	10.2B	50.0	27.2	30.4	26.1	31.4	24.5	24.6B	22.0B	16
17	11.7B	12.3B	11.3B	10.6B	49.6	26.6	33.3	25.3	32.0	24.5	24.6B	21.6B	17
18	11.9B	12.0B	11.4B	11.3B	48.1	26.9	35.0	24.9	33.0	24.5	24.6B	21.4B	18
19	12.3B	12.1B	11.3B	11.0B	47.9	26.2	36.0	24.4	33.6	24.6	24.7B	21.2B	19
20	12.4B	12.5B	11.4B	11.4B	47.6	25.6	35.7	23.9	33.7	24.6	24.7B	21.0B	20
21	12.4B	12.3B	11.0B	11.5B	47.1	25.1	36.0	23.6	33.5	24.3	24.7B	20.8B	21
22	12.2B	12.1B	10.6B	11.7B	46.1	23.7	36.0	23.7	33.6	24.1	24.7B	20.2B	22
23	11.6B	11.4B	11.7B	12.7B	45.0	22.7	35.9	23.7	33.3	24.0	24.7B	19.8B	23
24	11.1B	11.3B	11.6B	11.7B	43.5	21.6	36.2	24.0	33.0	24.1B	24.8B	19.4B	24
25	10.9B	11.5B	11.7B	12.0B	42.5	20.9	35.5	24.6	32.6	24.0B	24.8B	19.0B	25
26	11.2B	11.0B	11.9B	12.8B	41.3	21.0	34.6	24.7	32.2	23.8B	24.6B	18.8B	26
27	11.3B	11.6B	12.3B	14.1B	39.6	20.7	34.2	24.9	31.6	23.8B	24.6B	18.2B	27
28	11.5B	11.2B	12.4B	15.8B	38.3	19.7	33.5	24.3	30.7	24.8B	25.5B	17.8B	28
29	11.9B	11.2B	12.6B	17.0B	36.3	18.9	33.0	24.6	30.5	24.8B	25.3B	17.4B	29
30	11.8B		12.3B	23.8B	36.0	18.9	32.0	24.4	30.2	25.3B	24.8B	17.2B	30
31	11.8B		11.7B		34.0		32.2	24.6		23.7B		17.0B	31
TOTAL	391.6	344.7	359.6	376.4	1 312.8	798.6	900.4	839.1	887.0	782.4	730.2	657.4	TOTAL
MEAN	12.6	11.9	11.6	12.5	42.3	26.6	29.0	27.1	29.6	25.2	24.8	21.2	MEAN
MAX	15.1	12.5	12.6	23.8	50.2	34.1	36.2	33.2	33.7	30.2	25.5	24.1	MAX
MIN	10.9	11.2	10.6	10.2	26.2	18.9	17.9	23.6	23.6	23.7	24.3	17.0	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 22.9
MAXIMUM DAILY, 50.2 ON MAY 13
MINIMUM DAILY, 10.2B ON APR 16
MAXIMUM INSTANTANEOUS,
50.2 AT 10:36 CST ON MAY 13

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 58 48 50 N
LONG 109 00 10 W
DRAINAGE AREA, 4 030 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	33 800	JUL	77 800
FEB	29 800	AUG	72 500
MAR	31 100	SEP	76 600
APR	32 500	OCT	68 500
MAY	113 000	NOV	63 300
JUN	69 000	DEC	56 800

TOTAL DISCHARGE, 728 000 dam³

REMARKS - DATA QUALITY FOR 1988 WAS POOR

WILLOW BROOK AT WILLOWBROOK - STATION NO. 05MB005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0B	0 B	0.001	0	0	0	0	0	---	---	1
2	---	---	0B	0 B	0.002	0	0	0	0	0	---	---	2
3	---	---	0B	0 B	0.001	0	0	0	0	0	---	---	3
4	---	---	0B	0 B	0.001	0	0	0	0	0	---	---	4
5	---	---	0B	0 B	0.001	0	0	0	0	0	---	---	5
6	---	---	0B	0 B	0.044	0	0	0	0	0	---	---	6
7	---	---	0B	0 B	0.044	0	0	0	0	0	---	---	7
8	---	---	0B	0 B	0.031	0	0	0	0	0	---	---	8
9	---	---	0B	0 B	0.024	0	0	0	0	0	---	---	9
10	---	---	0B	0 B	0.056	0	0	0	0	0	---	---	10
11	---	---	0B	0 B	0.061	0	0	0	0	0	---	---	11
12	---	---	0B	0 B	0.062	0	0	0	0	0	---	---	12
13	---	---	0B	0.005B	0.034	0	0	0	0	0	---	---	13
14	---	---	0B	0.020B	0.023	0	0	0	0	0	---	---	14
15	---	---	0B	0.080B	0.035	0	0	0	0	0	---	---	15
16	---	---	0B	0.222B	0.041	0	0	0	0	0	---	---	16
17	---	---	0B	0.155B	0.083	0	0	0	0	0	---	---	17
18	---	---	0B	0.076	0.067	0	0	0	0	0	---	---	18
19	---	---	0B	0.056	0.052	0	0	0	0	0	---	---	19
20	---	---	0B	0.044	0.036	0	0	0	0	0	---	---	20
21	---	---	0B	0.016	0.027	0	0	0	0	0	---	---	21
22	---	---	0B	0.012B	0.023	0	0	0	0	0	---	---	22
23	---	---	0B	0.008	0.017	0	0	0	0	0	---	---	23
24	---	---	0B	0.004	0.009	0	0	0	0	0	---	---	24
25	---	---	0B	0.003	0.008	0	0	0	0	0	---	---	25
26	---	---	0B	0.001B	0.006	0	0	0	0	0	---	---	26
27	---	---	0B	0	0.005	0	0	0	0	0	---	---	27
28	---	---	0B	0	0.004	0	0	0	0	0	---	---	28
29	---	---	0B	0	0.003	0	0	0	0	0	---	---	29
30	---		0B	0	0.001	0	0	0	0	0	---	---	30
31	---		0B		0		0	0		0		---	31
TOTAL	---	---	0	0.701	0.816	0	0	0	0	0	---	---	TOTAL
MEAN	---	---	0	0.023	0.026	0	0	0	0	0	---	---	MEAN
MAX	---	---	0	0.222	0.083	0	0	0	0	0	---	---	MAX
MIN	---	---	0	0	0	0	0	0	0	0	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.005
MAXIMUM DAILY, 0.222B ON APR 16
MINIMUM DAILY, 0B ON MAR 1
MAXIMUM INSTANTANEOUS,
0.250B AT 20:15 CST ON APR 16

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 51 12 20 N
LONG 102 48 05 W
DRAINAGE AREA, 401 km²

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	0
FEB	---	AUG	0
MAR	0	SEP	0
APR	60.6	OCT	0
MAY	70.4	NOV	---
JUN	0	DEC	---

TOTAL DISCHARGE, 131 dam³

WIWA CREEK NEAR ST. BOSWELLS - STATION NO. 05JC005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0B	0	0	0	0	0	0	0	---	---	1
2	---	---	0B	0	0	0	0	0	0	0	---	---	2
3	---	---	0B	0	0	0	0	0	0	0	---	---	3
4	---	---	0B	0	0	0	0	0	0	0	---	---	4
5	---	---	0B	0	0	0	0	0	0	0	---	---	5
6	---	---	0B	0	0	0	0	0	0	0	---	---	6
7	---	---	0B	0	0	0	0	0	0	0	---	---	7
8	---	---	0B	0	0	0.028	0	0	0	0	---	---	8
9	---	---	0B	0	0	0.011	0	0	0	0	---	---	9
10	---	---	0B	0	0	0	0	0	0	0	---	---	10
11	---	---	0B	0	0	0	0	0	0	0	---	---	11
12	---	---	0B	0	0	0	0	0	0	0	---	---	12
13	---	---	0B	0	0	0	0	0	0	0	---	---	13
14	---	---	0B	0	0	0	0	0	0	0	---	---	14
15	---	---	0B	0	0	0	0	0	0	0	---	---	15
16	---	---	0B	0	0	0	0	0	0	0	---	---	16
17	---	---	0B	0	0	0	0	0	0	0	---	---	17
18	---	---	0B	0	0	0	0	0	0	0	---	---	18
19	---	---	0B	0	0	0	0	0	0	0	---	---	19
20	---	---	0B	0	0	0	0	0	0	0	---	---	20
21	---	---	0B	0	0	0	0	0	0	0	---	---	21
22	---	---	0B	0	0	0	0	0	0	0	---	---	22
23	---	---	0B	0	0	0	0	0	0	0	---	---	23
24	---	---	0B	0	0	0	0	0	0	0	---	---	24
25	---	---	0B	0	0	0	0	0	0	0	---	---	25
26	---	---	0B	0	0	0	0	0	0	0	---	---	26
27	---	---	0B	0	0	0	0	0	0	0	---	---	27
28	---	---	0B	0	0	0	0	0	0	0	---	---	28
29	---	---	0B	0	0	0	0	0	0	0	---	---	29
30	---		0B	0	0	0	0	0	0	0	---	---	30
31	---		0		0		0	0		0		---	31
TOTAL	---	---	0	0	0	0.040	0	0	0	0	---	---	TOTAL
MEAN	---	---	0	0	0	0.001	0	0	0	0	---	---	MEAN
MAX	---	---	0	0	0	0.028	0	0	0	0	---	---	MAX
MIN	---	---	0	0	0	0	0	0	0	0	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0
MAXIMUM DAILY, 0.028 ON JUN 8
MINIMUM DAILY, 0B ON MAR 1
MAXIMUM INSTANTANEOUS,
0.204 AT 17:13 CST ON JUN 8

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 04 05 N
LONG 106 45 15 W
DRAINAGE AREA, 1 380 km^2

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	0
FEB	---	AUG	0
MAR	0	SEP	0
APR	0	OCT	0
MAY	0	NOV	---
JUN	3.46	DEC	---

TOTAL DISCHARGE, 3.46 dam^3

WOLLASTON LAKE AT ROSS CHANNEL - STATION NO. 06DA001

DAILY WATER LEVEL IN METRES FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	27.921E	27.901	27.871	27.835	27.847	28.032	28.213E	28.305	28.273	28.205	28.159	28.206	1
2	27.921E	27.898	27.871	27.837	27.841	28.031	28.210E	28.312	28.278	28.190	28.138	28.202	2
3	27.921E	27.897	27.869	27.828	27.844	28.046	28.209E	28.302	28.269	28.214	28.150	28.202	3
4	27.922E	27.896	27.869	27.833	27.854	28.044	28.211A	28.318	28.285	28.228	28.168	28.204	4
5	27.922E	27.893	27.869	27.849	27.860	28.050	28.214	28.294	28.276	28.210	28.169	28.206	5
6	27.922A	27.894	27.866	27.849	27.865	28.057	28.221E	28.292	28.267	28.204	28.181	28.203	6
7	27.914	27.893	27.867	27.843	27.878	28.064	28.233E	28.280	28.238	28.208	28.168	28.201	7
8	27.919	27.889	27.863	27.846	27.884	28.068	28.245E	28.294	28.235	28.205	28.167	28.198	8
9	27.915	27.889	27.866	27.858	27.891	28.085	28.256E	28.293	28.252	28.184	28.168	28.194	9
10	27.914	27.889	27.857	27.859	27.898	28.101	28.268A	28.295	28.257	28.188	28.177	28.195	10
11	27.912	27.889	27.857	27.858	27.907	28.097	28.272	28.298	28.264	28.205	28.182	28.199	11
12	27.907	27.885	27.856	27.859	27.909	28.122	28.274	28.301	28.260	28.204	28.182	28.197	12
13	27.908	27.883	27.853	27.858	27.914	28.130	28.274	28.300	28.239	28.189	28.185	28.191	13
14	27.903	27.883	27.854	27.856	27.914	28.137	28.281	28.294	28.258	28.188	28.172	28.193	14
15	27.902	27.880	27.856	27.854	27.923	28.143	28.278	28.282	28.248	28.173	28.178	28.191	15
16	27.905	27.885	27.856	27.849	27.929	28.149	28.277	28.288	28.235	28.175	28.170	28.198	16
17	27.908	27.885	27.852	27.854	27.931	28.153	28.276	28.281	28.233	28.188	28.172	28.198	17
18	27.907	27.884	27.848	27.852	27.940	28.158	28.271	28.290	28.240	28.172	28.178	28.198	18
19	27.904	27.882	27.845	27.850	27.953	28.165	28.273A	28.292	28.238	28.178	28.171	28.203	19
20	27.905	27.879	27.844	27.849	27.959	28.168	28.263	28.294	28.241	28.160	28.180	28.207	20
21	27.903	27.877	27.848	27.846	27.970	28.168	28.282	28.263	28.248	28.162	28.183	28.207	21
22	27.905	27.882	27.854	27.845	27.971	28.175	28.287	28.268	28.224	28.145	28.185	28.210	22
23	27.904	27.878	27.844	27.842	27.974	28.181	28.282	28.288	28.219	28.157	28.183	28.211	23
24	27.908	27.879	27.842	27.845	27.978	28.189	28.292	28.285	28.213	28.145	28.203	28.210	24
25	27.908	27.876	27.840	27.848	27.987	28.194A	28.298	28.282	28.211	28.144	28.204	28.209	25
26	27.905	27.877	27.841	27.848	27.988	28.195A	28.300	28.248	28.210	28.138	28.201	28.208	26
27	27.904	27.877	27.839	27.845	27.990	28.201	28.294	28.268	28.226	28.121	28.200	28.206	27
28	27.904	27.870	27.835	27.844	28.000	28.211	28.293	28.289	28.223	28.149	28.200	28.205	28
29	27.901	27.868	27.832	27.833	28.007	28.205A	28.285	28.282	28.220	28.159	28.201	28.201	29
30	27.900		27.840	27.839	28.010	28.212A	28.309	28.297	28.204	28.154	28.200	28.201	30
31	27.900		27.838		28.020		28.305	28.297		28.165		28.204	31
MEAN	27.908	27.885	27.853	27.847	27.930	28.132	28.267	28.292	28.242	28.177	28.177	28.202	MEAN
MAX	27.922	27.901	27.871	27.859	28.020	28.212	28.309	28.318	28.278	28.228	28.204	28.211	MAX
MIN	27.900	27.868	27.832	27.828	27.841	28.031	28.209	28.248	28.204	28.121	28.138	28.191	MIN

WATER LEVELS IN METRES

MEAN, 28.077
MAXIMUM DAILY, 28.318 ON AUG 4
MINIMUM DAILY, 27.828 ON APR 3
MAXIMUM INSTANTANEOUS,
28.378 AT 20:08 CST ON AUG 4

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 58 28 50 N
LONG 103 18 50 W

A - MANUAL GAUGE

E - ESTIMATED

NATURAL FLOW

WATER LEVELS ARE REFERRED TO ASSUMED DATUM

REMARKS - THE MAXIMUM INSTANTANEOUS WATER LEVEL OCCURRED AS A RESULT OF WIND EFFECT

WOOD RIVER DIVERSION TO CHAPLIN LAKE - STATION NO. 05JC005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.005B	0.271B	0.083	0.006	0.003	0	0	0	---	---	1
2	---	---	0.010B	0.263B	0.081	0.004	0.003	0	0	0	---	---	2
3	---	---	0.030B	0.248B	0.081	0.002	0.001	0	0	0	---	---	3
4	---	---	0.163B	0.245	0.076	0.001	0.001	0	0	0	---	---	4
5	---	---	0.165B	0.246	0.061	0.002	001	0	0	0	---	---	5
6	---	---	0.171B	0.248	0.082	0.004	0.002	0.082	0	0	---	---	6
7	---	---	0.180B	0.244	0.085	0.008	0.001	0.156	0	0	---	---	7
8	---	---	0.205B	0.260	0.086	0.011	0	0.104	0	0	---	---	8
9	---	---	0.214B	0.234	0.072	0.013	0	0.020	0	0	---	---	9
10	---	---	0.215B	0.216	0.072	0.006	0	0.012	0	0	---	---	10
11	---	---	0.220B	0.214	0.068	0.003	0	0.006	0	0	---	---	11
12	---	---	0.230B	0.212	0.076	0.001	0	0.003	0	0	---	---	12
13	---	---	0.241B	0.193	0.061	0.002	0	0.001	0	0	---	---	13
14	---	---	0.236B	0.175	0.041	0.002	0	0.001	0	0	---	---	14
15	---	---	0.243B	0.158	0.034	0.002	0	0.001	0	0	---	---	15
16	---	---	0.242B	0.173	0.018	0.002	0	0.001	0	0	---	---	16
17	---	---	0.255B	0.148	0.031	0.008	0	0.001	0	0	---	---	17
18	---	---	0.279B	0.128	0.030	0.012	0	0.001	0	0	---	---	18
19	---	---	0.321B	0.114	0.035	0.014	0	0.001	0	0	---	---	19
20	---	---	0.371B	0.106	0.031	0.023	0	0.001	0	0	---	---	20
21	---	---	0.402B	0.094	0.040	0.028	0	0	0	0	---	---	21
22	---	---	0.429B	0.088	0.028	0.025	0	0	0	0	---	---	22
23	---	---	0.391B	0.080	0.017	0.021	0	0	0	0	---	---	23
24	---	---	0.370B	0.080	0.018	0.011	0	0	0	0	---	---	24
25	---	---	0.375B	0.085	0.023	0.006	0	0	0	0	---	---	25
26	---	---	0.280B	0.072	0.017	0.004	0	0	0	0	---	---	26
27	---	---	0.241B	0.094	0.015	0.004	0	0	0	0	---	---	27
28	---	---	0.288B	0.090	0.014	0.003	0	0	0	0	---	---	28
29	---	---	0.250B	0.091	0.011	0.002	0	0	0	0	---	---	29
30	---		0.260B	0.088	0.008	0.004	0	0	0	0	---	---	30
31	---		0.265B		0.011		0	0		0		---	31
TOTAL	---	---	7.545	4.955	1.443	0.234	0.011	0.371	0	0	---	---	TOTAL
MEAN	---	---	0.243	0.165	0.047	0.008	0	0.012	0	0	---	---	MEAN
MAX	---	---	0.429	0.280	0.086	0.028	0.003	0.156	0	0	---	---	MAX
MIN	---	---	0.005	0.065	0.008	0.001	0	0	0	0	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.059
MAXIMUM DAILY, 0.429B ON MAR 22
MINIMUM DAILY, 0 ON JUL 8

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 08 45 N
LONG 106 21 31 W

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	0.95
FEB	---	AUG	32.1
MAR	652	SEP	0
APR	428	OCT	0
MAY	125	NOV	---
JUN	20.2	DEC	---

TOTAL DISCHARGE, 1 260 dam³

WOOD RIVER NEAR LAFLECHE - STATION NO. 05JA002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0 B	0.043	0.010	0.015	0	0	0	0	---	---	1
2	---	---	0 B	0.029	0.010	0.011	0	0	0	0	---	---	2
3	---	---	0 B	0.059	0.008	0.008	0	0	0	0	---	---	3
4	---	---	0 B	0.065	0.008	0.003	0	0	0	0	---	---	4
5	---	---	0 B	0.060	0.005	0	0	0	0	0	---	---	5
6	---	---	0 B	0.065	0.004	0	0	0	0	0	---	---	6
7	---	---	0 B	0.062	0.003	0	0	0	0	0	---	---	7
8	---	---	0.001B	0.061	0.004	0	0	0	0	0	---	---	8
9	---	---	0.003B	0.052	0.002	0	0	0	0	0	---	---	9
10	---	---	0.005B	0.043	0.002	0	0	0	0	0	---	---	10
11	---	---	0.012B	0.038	0.002	0	0	0	0	0	---	---	11
12	---	---	0.016B	0.030	0.002	0	0	0	0	0	---	---	12
13	---	---	0.018B	0.027	0.002	0	0	0	0	0	---	---	13
14	---	---	0.020B	0.038	0	0	0	0	0	0	---	---	14
15	---	---	0.022B	0.054	0	0	0	0	0	0	---	---	15
16	---	---	0.023B	0.058	0	0	0	0	0	0	---	---	16
17	---	---	0.023B	0.054	0	0	0	0	0	0	---	---	17
18	---	---	0.023B	0.047	0	0	0	0	0	0	---	---	18
19	---	---	0.024B	0.031	0	0	0	0	0	0	---	---	19
20	---	---	0.021B	0.020	0	0	0	0	0	0	---	---	20
21	---	---	0.013B	0.013	0.024	0	0	0	0	0	---	---	21
22	---	---	0.013B	0.008	0.041	0	0	0	0	0	---	---	22
23	---	---	0.012B	0.007	0.035	0	0	0	0	0	---	---	23
24	---	0B	0.012B	0.008	0.033	0	0	0	0	0	---	---	24
25	---	0B	0.012B	0.008	0.060	0	0	0	0	0	---	---	25
26	---	0B	0.014B	0.010	0.082	0	0	0	0	0	---	---	26
27	---	0B	0.022B	0.011	0.088	0	0	0	0	0	---	---	27
28	---	0B	0.020	0.011	0.060	0	0	0	0	0	---	---	28
29	---	0B	0.031	0.011	0.048	0	0	0	0	0	---	---	29
30	---		0.033	0.011	0.033	0	0	0	0	0	---	---	30
31	---		0.039		0.022		0	0		0		---	31
TOTAL	---	---	0.442	1.112	0.618	0.03"	0	0	0	0	---	---	TOTAL
MEAN	---	---	0.014	0.037	0.020	0.001	0	0	0	0	---	---	MEAN
MAX	---	---	0.039	0.065	0.088	0.015	0	0	0	0	---	---	MAX
MIN	---	---	0	0.007	0	0	0	0	0	0	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.008
MAXIMUM DAILY, 0.088 ON MAY 27
MINIMUM DAILY, 0B ON MAR 1
MAXIMUM INSTANTANEOUS,
0.102 AT 11:07 CST ON MAY 27

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 40 01 N
LONG 106 41 33 W
DRAINAGE AREA, 4 730 km²

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	0
FEB	---	AUG	0
MAR	38.2	SEP	0
APR	96.1	OCT	0
MAY	53.4	NOV	---
JUN	3.20	DEC	---

TOTAL DISCHARGE, 191 dam³

YELLOW GRASS DITCH NEAR YELLOW GRASS - STATION NO. 05NB011

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0	0	0	0	0	0	0	0	---	---	1
2	---	---	0	0	0	0	0	0	0	0	---	---	2
3	---	---	0	0	0	0	0	0	0	0	---	---	3
4	---	---	0	0	0	0	0	0	0	0	---	---	4
5	---	---	0	0	0	0	0	0	0	0	---	---	5
6	---	---	0	0	0	0	0	0	0	0	---	---	6
7	---	---	0	0	0	0	0	0	0	0	---	---	7
8	---	---	0	0	0	0	0	0	0	0	---	---	8
9	---	---	0	0	0	0	0	0	0	0	---	---	9
10	---	---	0	0	0	0	0	0	0	0	---	---	10
11	---	---	0	0	0	0	0	0	0	0	---	---	11
12	---	---	0	0	0	0	0	0	0	0	---	---	12
13	---	---	0	0	0	0	0	0	0	0	---	---	13
14	---	---	0	0	0	0	0	0	0	0	---	---	14
15	---	---	0	0	0	0	0	0	0	0	---	---	15
16	---	---	0	0	0	0	0	0	0	0	---	---	16
17	---	---	0	0	0	0	0	0	0	0	---	---	17
18	---	---	0	0	0	0	0	0	0	0	---	---	18
19	---	---	0	0	0	0	0	0	0	0	---	---	19
20	---	---	0	0	0	0	0	0	0	0	---	---	20
21	---	---	0	0	0	0	0	0	0	0	---	---	21
22	---	---	0	0	0	0	0	0	0	0	---	---	22
23	---	---	0	0	0	0	0	0	0	0	---	---	23
24	---	---	0	0	0	0	0	0	0	0	---	---	24
25	---	---	0	0	0	0	0	0	0	0	---	---	25
26	---	---	0	0	0	0	0	0	0	0	---	---	26
27	---	---	0	0	0	0	0	0	0	0	---	---	27
28	---	---	0	0	0	0	0	0	0	0	---	---	28
29	---	---	0	0	0	0	0	0	0	0	---	---	29
30	---		0	0	0	0	0	0	0	0	---	---	30
31	---		0		0		0	0		0		---	31
TOTAL	---	---	0	0	0	0	0	0	0	0	---	---	TOTAL
MEAN	---	---	0	0	0	0	0	0	0	0	---	---	MEAN
MAX	---	---	0	0	0	0	0	0	0	0	---	---	MAX
MIN	---	---	0	0	0	0	0	0	0	0	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0
MAXIMUM DAILY, 0 ON MAR 1
MINIMUM DAILY, 0 ON MAR 1
MAXIMUM INSTANTANEOUS,
0 AT 00:00 CST ON MAR 1

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 47 11 N
LONG 104 02 16 W
DRAINAGE AREA, 1 900 km²

REGULATED

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	0
FEB	---	AUG	0
MAR	0	SEP	0
APR	0	OCT	0
MAY	0	NOV	---
JUN	0	DEC	---

TOTAL DISCHARGE, 0 dam³

YORK LAKE NEAR YORKTON - STATION NO. 05MB014

DAILY WATER LEVEL IN METRES FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	511.430E	511.626	511.485	511.332	511.291	---	---	---	1
2	---	---	---	---	511.431	511.623	511.482	511.347	511.286	---	---	---	2
3	---	---	---	---	511.456	511.618	511.475	511.352	511.283	---	---	---	3
4	---	---	---	---	511.466	511.614	511.470	511.347	511.278	---	---	---	4
5	---	---	---	---	511.478	511.606	511.470	511.342	511.273	---	---	---	5
6	---	---	---	---	511.493	511.602	511.468	511.332	511.268	---	---	---	6
7	---	---	---	---	511.508	511.597	511.465	511.327	511.263	---	---	---	7
8	---	---	---	---	511.523	511.592	511.463	511.322	511.258	---	---	---	8
9	---	---	---	---	511.533	511.586	511.461	511.317	511.253	---	---	---	9
10	---	---	---	---	511.548	511.579	511.456	511.312	511.248	---	---	---	10
11	---	---	---	---	511.563	511.574	511.451	511.307	511.243	---	---	---	11
12	---	---	---	---	511.583	511.569	511.446	511.297	511.238	---	---	---	12
13	---	---	---	---	511.592	511.564	511.441	511.292	511.233	---	---	---	13
14	---	---	---	---	511.603	511.560	511.436	511.287	511.231	---	---	---	14
15	---	---	---	511.417	511.663	511.556	511.431	511.282	511.228	---	---	---	15
16	---	---	---	---	511.664	511.550	511.421	511.277	511.223	---	---	---	16
17	---	---	---	---	511.663	511.546	511.416	511.337	511.224	---	---	---	17
18	---	---	---	---	511.661	511.540	511.411	511.332	511.221	---	---	---	18
19	---	---	---	---	511.660	511.535	511.406	511.327	511.218	---	---	---	19
20	---	---	---	---	511.657	511.530	511.406	511.322	511.216	---	---	---	20
21	---	---	---	---	511.656	511.526	511.405	511.327	511.212	---	---	---	21
22	---	---	---	---	511.655	511.520	511.401	511.326	511.208	---	---	---	22
23	---	---	---	---	511.654	511.516	511.396	511.323	511.204	---	---	---	23
24	---	---	---	---	511.652	511.511	511.391	511.318	511.204	---	---	---	24
25	---	---	---	---	511.649	511.506	511.386	511.313	511.202	---	---	---	25
26	---	---	---	---	511.647	511.500	511.381	511.308	511.202	511.136	---	---	26
27	---	---	---	---	511.646	511.496	511.376	511.305	511.199	---	---	---	27
28	---	---	---	---	511.644	511.490	511.372	511.303	511.202	---	---	---	28
29	---	---	---	---	511.641	511.488	511.362	511.299	511.198	---	---	---	29
30	---		---	---	511.638	511.486	511.357	511.287	511.196	---	---	---	30
31	---		---		511.634		511.342	511.283		---		---	31
MEAN	---	---	---	---	511.590	511.553	511.424	511.316	511.234	---	---	---	MEAN
MAX	---	---	---	---	511.664	511.626	511.485	511.352	511.291	---	---	---	MAX
MIN	---	---	---	---	511.430	511.486	511.342	511.277	511.196	---	---	---	MIN

SUMMARY FOR THE YEAR 1988

WATER LEVELS IN METRES

MAXIMUM DAILY, 511.664 ON MAY 16

TYPE OF GAUGE - MANUAL
LOCATION - LAT 51 09 57 N
LONG 102 28 53 W
DATA CONTRIBUTED BY -
SASKATCHEWAN WATER CORPORATION

E - ESTIMATED

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

YORKTON CREEK NEAR EBENEZER - STATION NO. 05MB001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	0 B	0.307B	0.166B	0.412	0.082	0.014	0	0.025	0.042	---	---	1
2	---	0 B	0.206B	0.241B	1.72	0.080	0.007	0	0.022	0.029	---	---	2
3	---	0 B	0.151B	1.70 B	2.39	0.051	0.020	0	0.014	0.181	---	---	3
4	---	0 B	0.144B	5.88 B	1.54	0.046	0.028	0	0.010	0.112	---	---	4
5	---	0 B	0.145B	5.66 B	0.978	0.082	0.023	0.018	0.009	0.062	---	---	5
6	---	0 B	0.150B	3.58 B	0.919	0.051	0.028	0.100	0.037	0.022	---	---	6
7	---	0 B	0.148B	2.00 B	0.818	0.034	0.027	0.023	0.023	0.013	---	---	7
8	---	0 B	0.148B	1.03 B	0.755	0.034	0.019	0.024	0.010	0.011	---	---	8
9	---	0 B	0.147B	1.04 B	0.625	0.030	0.023	0.027	0.012	0.009	---	---	9
10	---	0 B	0.142B	1.52 B	0.553	0.044	0.080	0.017	0.007	0.018	---	---	10
11	---	0 B	0.142B	1.88 B	0.455	0.057	0.030	0.008	0.005	0.023	---	---	11
12	---	0 B	0.213B	2.[illegible] B	0.388	0.080	0.032	0.008	0.017	0.024	---	---	12
13	---	0 B	0.160B	1.52 B	0.388	0.051	0.069	0.005	0.022	0.036	---	---	13
14	---	0 B	0.169B	1.36	0.327	0.047	0.121	0	0.026	0.040	---	---	14
15	---	0 B	0.136B	1.08	0.595	0.061	0.134	0	0.023	0.034	---	---	15
16	---	0 B	0.126B	0.765	0.598	0.058	0.143	0.288	0.014	0.031	---	---	16
17	---	0 B	0.123B	0.566	0.472	0.053	0.113	0.628	0.010	0.045	---	---	17
18	---	0 B	0.126B	0.419	0.422	0.046	0.032	0.882	0.010	0.042	---	---	18
19	---	0 B	0.128B	0.304	0.425	0.021	0.019	0.311	0.010	0.039	---	---	19
20	---	0 B	0.126B	0.281	0.414	0.015	0.012	0.167	0.084	0.027	---	---	20
21	---	0 B	0.143B	0.236	0.337	0.005	0.012	0.111	0.057	0.049	---	---	21
22	---	0 B	0.166B	0.185	0.285	0.002	0.014	0.088	0.033	0.064	---	---	22
23	---	0 B	0.177B	0.208	0.324	0.003	0.005	0.247	0.033	0.038	---	---	23
24	---	0 B	0.367B	0.218	0.360	0	0.006	0.168	0.025	0.042	---	---	24
25	---	0 B	0.265B	0.230	0.310	0	0.005	0.101	0.030	0.032	---	---	25
26	---	0 B	0.237B	0.224	0.370	0.002	0.014	0.053	0.080	0.026	---	---	26
27	---	0.001B	0.477B	0.235	0.336	0.007	0.006	0.021	0.113	0.023	---	---	27
28	---	1.11 B	0.234B	0.194	0.312	0.006	0	0.088	0.071	0.019	---	---	28
29	---	0.829B	0.174B	0.154	0.242	0.013	0	0.144	0.058	0.015	---	---	29
30	---		0.171B	0.128	0.206	0.013	0	0.083	0.047	0.016	---	---	30
31	---		0.182B		0.146		0	0.040		0.037		---	31
TOTAL	---	1.940	5.768	36.364	18.599	1.024	1.019	3.628	0.948	1.175	---	---	TOTAL
MEAN	---	0.067	0.186	1.21	0.600	0.034	0.033	0.117	0.032	0.038	---	---	MEAN
MAX	---	1.11	0.477	5.88	2.39	0.082	0.143	0.882	0.113	0.181	---	---	MAX
MIN	---	0	0.123	0.128	0.146	0	0	0	0.005	0.009	---	---	MIN

SUMMARY FOR THE MONTHS FEB TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.257
MAXIMUM DAILY, 5.88B ON APR 4
MINIMUM DAILY, 0B ON FEB 1
MAXIMUM INSTANTANEOUS,
7.07B AT 16:56 CST ON APR 4

TYPE OF GAUGE - RECORDING
LOCATION - LAT 51 22 50 N
LONG 102 30 11 W
DRAINAGE AREA, 2 320 km^2

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	88.0
FEB	168	AUG	313
MAR	498	SEP	81.9
APR	3 140	OCT	102
MAY	1 610	NOV	---
JUN	88.5	DEC	---

TOTAL DISCHARGE, 6 090 dam^3

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